# AFNS

# Amphenol FCi

## AMPHENOL FCI
## NETWORK SOLUTIONS

**YOUR TRUSTED GLOBAL PARTNER FOR INNOVATIVE END TO END COPPER AND FIBER CABLING SOLUTIONS**

**2021-22 CATALOG**

# Amphenol FCi



As a global leader in interconnect solutions and network connectivity systems, Amphenol FCI Network Solutions (AFNS) provides both standard and customized passive network solution products to the market. Our commitment to the stringent management of our supply chain and manufacturing focus enables us to consistently deliver the highest quality, high performance products and solutions to our customers.

AFNS offers an extensive range of ICT product and solutions, including end-to-end structured cabling solutions, high performance and high density data center solutions, FTTH, outside plant fiber campus connectivity solutions, PLC Splitters, and other customized products for ICT applications on demand.

Our team works closely with the industry experts to constantly develop new products and technology solutions and makes customer satisfaction our top priority.

With our unmatched expertise in fiber infrastructure and ICT technology, rely on us to enhance and migrate your enterprise network, data center and broadband network to outperform today and be ready for the needs of tomorrow.

Amphenol FCI's quality system is certified to ISO 9001:2015 and ISO 14001:2015 standards.

All passive components are RoHS compliant.

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**Amphenol FCi**

## COPPER ETHERNET SOLUTIONS

## FIBER OPTIC SOLUTIONS

**AFNS**

Note: All products images are for reference only and are subjected to change without notice

# COPPER NETWORK CABLES

**Amphenol**
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## AFNS CATEGORY 8.2 S/FTP
## 4PAIR 22AWG SOLID CABLE

**AFNS Cat 8.2 S/FTP Cable is designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed installations**

•Operates at bandwidth of 2000 MHz
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  applications beyond
10-Gbps such as  25-Gbps (25GBASE-T) & 40-Gbps (40GBASE-T) with 30-meter Class II channels at the MAC/PLS service interface
•Enhanced overall high screen coverage outer braid and individual foil around each pair  shielded twisted pair cable construction
•Resistant to alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection to provide superior noise immunity and coupling attenuation performance
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel with snag free pulling
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCC6SI24T11 | AFC-100001 | AFNS Cat8.2 4Pair S/FTP 22AWG LSZH Cable   –   305m reel |
| AFCC6SI24T21 | AFC-100002 | AFNS Cat8.2 4Pair S/FTP 22AWG LSZH Cable   –   500m reel |
| AFCC6SI14T11 | AFC-100003 | AFNS Cat8.2 4Pair S/FTP 22AWG FRPVC Cable  –   305m reel |
| AFCC6SI14T21 | AFC-100004 | AFNS Cat8.2 4Pair S/FTP 22AWG FRPVC Cable  –   500m reel |

## AFNS CATEGORY 7A S/FTP
## 4PAIR 22AWG SOLID CABLE

**AFNS Cat7A S/FTP cable is designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed installations.**

•Operates at bandwidth of 1200 MHz
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  applications beyond 10-Gbps
•Enhanced overall high screen coverage outer braid and individual foil around each pair  shielded twisted pair cable construction
•Resistant to alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection to provide superior noise immunity and coupling attenuation performance
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel with snag free pulling
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCC4SI24G11 | AFC-100005 | AFNS Cat7A 4Pair S/FTP 22AWG LSZH Cable   –   305m reel |
| AFCC4SI24G21 | AFC-100006 | AFNS Cat7A 4Pair S/FTP 22AWG LSZH Cable   –   500m reel |
| AFCC4SI14G11 | AFC-100007 | AFNS Cat7A 4Pair S/FTP 22AWG FRPVC Cable  –   305m reel |
| AFCC4SI14G21 | AFC-100008 | AFNS Cat7A 4Pair S/FTP 22AWG FRPVC Cable  –   500m reel |

# COPPER NETWORK CABLES

## AFNS CATEGORY 6A S/FTP
## 4PAIR 23AWG SOLID CABLE

AFNS Cat6A S/FTP cable is designed to support
high speed IEEE 802.3bt 4P PoE+, high data rates,
high bandwidth digital applications and indoor fixed
installations.

•Operates at bandwidth of 500 MHz
•Meets and exceeds transmission performance as per the
requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 10-Gbps Ethernet applications
•Enhanced overall high screen coverage outer braid and individual foil around each pair  shielded
twisted pair cable construction
•Resistant to alien crosstalk, provides excellent signal isolation and provides superior electromagnetic
interference (EMI) protection to provide superior noise immunity and coupling attenuation performance
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel with snag free pulling
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCC2SI22G11 | AFC-100009 | AFNS Cat6A 4Pair S/FTP 23AWG LSZH Cable   –   305m reel |
| AFCC2SI22G21 | AFC-100010 | AFNS Cat6A 4Pair S/FTP 23AWG LSZH Cable   –   500m reel |
| AFCC2SI12G11 | AFC-100011 | AFNS Cat6A 4Pair S/FTP 23AWG FRPVC Cable   –   305m reel |
| AFCC2SI12G21 | AFC-100012 | AFNS Cat6A 4Pair S/FTP 23AWG FRPVC Cable   –   500m reel |

## AFNS CATEGORY 6A F/UTP
## 4PAIR 23AWG SOLID CABLE

AFNS Cat6A F/UTP cable is designed to support
high speed IEEE 802.3bt 4P PoE+, high data rates,
high bandwidth digital applications and indoor fixed
installations.

•Operates at bandwidth of 500 MHz
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC
11801 standards
•Supports high speed data network  for 10-Gbps Ethernet applications
•Enhanced overall foiled around four twisted pair cable construction
•Minimizes alien crosstalk, provides excellent signal isolation and provides electromagnetic interference
(EMI) protection to provide noise immunity
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel with snag free pulling
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCC2FI22G11 | AFC-100013 | AFNS Cat6A 4Pair F/UTP 23AWG LSZH Cable   –   305m reel |
| AFCC2FI22G21 | AFC-100014 | AFNS Cat6A 4Pair F/UTP 23AWG LSZH Cable   –   500m reel |
| AFCC2FI12G11 | AFC-100015 | AFNS Cat6A 4Pair F/UTP 23AWG FRPVC Cable   –   305m reel |
| AFCC2FI12G21 | AFC-100016 | AFNS Cat6A 4Pair F/UTP 23AWG FRPVC Cable   –   500m reel |

# COPPER NETWORK CABLES

**Amphenol**
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## AFNS CATEGORY 6A U/FTP
## 4PAIR 23AWG SOLID CABLE

AFNS Cat6A U/FTP cable is designed to support
high speed IEEE 802.3bt 4P PoE+, high data rates,
high bandwidth digital applications, and indoor fixed
installations

•Operates at bandwidth of 500 MHz
•Meets and exceeds transmission performance as per the
requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 10-Gbps Ethernet applications
•Enhanced individual foil around each pair shielded twisted pair cable construction
•Minimizes alien crosstalk, provides excellent signal isolation and provides electromagnetic
interference (EMI) protection to provide noise immunity
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel with snag free pulling
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCC2WI22G11 | AFC-100017 | AFNS Cat6A 4Pair U/FTP 23AWG LSZH Cable   –   305m reel |
| AFCC2WI22G21 | AFC-100018 | AFNS Cat6A 4Pair U/FTP 23AWG LSZH Cable   –   500m reel |
| AFCC2WI12G11 | AFC-100019 | AFNS Cat6A 4Pair U/FTP 23AWG FRPVC Cable   –   305m reel |
| AFCC2WI12G21 | AFC-100020 | AFNS Cat6A 4Pair U/FTP 23AWG FRPVC Cable   –   500m reel |

## AFNS CATEGORY 6A U/UTP
## 4PAIR 23AWG SOLID CABLE

AFNS Cat6A U/UTP cable is designed to support
high speed IEEE 802.3bt 4P PoE+, high data rates,
high bandwidth digital applications and indoor fixed
installations.

•Operates at bandwidth of 500 MHz
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC
11801 standards
•Supports high speed data network  for 10-Gbps Ethernet applications
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel with snag free pulling
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCC2UI22G11 | AFC-100021 | AFNS Cat6A 4Pair U/UTP 23AWG LSZH Cable   –   305m reel |
| AFCC2UI22G21 | AFC-100022 | AFNS Cat6A 4Pair U/UTP 23AWG LSZH Cable   –   500m reel |
| AFCC2UI12G11 | AFC-100023 | AFNS Cat6A 4Pair U/UTP 23AWG FRPVC Cable   –   305m reel |
| AFCC2UI12G21 | AFC-100024 | AFNS Cat6A 4Pair U/UTP 23AWG FRPVC Cable   –   500m reel |

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# COPPER NETWORK CABLES

## AFNS CATEGORY 6 S/FTP
## 4PAIR 23AWG SOLID CABLE

**AFNS Cat 6 S/FTP cable is designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications, and indoor fixed installations.**

•Operates at bandwidth of 250 MHz
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports 1Gbps speed data Ethernet applications
•Enhanced overall high screen coverage outer braid and individual foil around each pair  shielded twisted pair cable construction
•Resistant to crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection to provide superior noise immunity
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel with snag free pulling
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCC1SI22G11 | AFC-100025 | AFNS Cat6 4Pair S/FTP 23AWG LSZH Cable    –   305m reel |
| AFCC1SI22G21 | AFC-100026 | AFNS Cat6 4Pair S/FTP 23AWG LSZH Cable    –   500m reel |
| AFCC1SI12G11 | AFC-100027 | AFNS Cat6 4Pair S/FTP 23AWG FRPVC Cable    –   305m reel |
| AFCC1SI12G21 | AFC-100028 | AFNS Cat6 4Pair S/FTP 23AWG FRPVC Cable    –   500m reel |

## AFNS CATEGORY 6 F/UTP
## 4PAIR 23AWG SOLID CABLE

**AFNS Cat 6 F/UTP cable is designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications and  indoor fixed installations.**

•Operates at bandwidth of 250 MHz
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports 1Gbps speed data Ethernet applications
•Enhanced overall foil around four twisted pair cable construction
•Minimizes crosstalk, provides excellent signal isolation and provides electromagnetic interference (EMI) protection to provide noise immunity
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel with snag free pulling
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCC1FI22G11 | AFC-100029 | AFNS Cat6 4Pair F/UTP 23AWG LSZH Cable    –   305m reel |
| AFCC1FI22G21 | AFC-100030 | AFNS Cat6 4Pair F/UTP 23AWG LSZH Cable    –   500m reel |
| AFCC1FI12G11 | AFC-100031 | AFNS Cat6 4Pair F/UTP 23AWG FRPVC Cable    –   305m reel |
| AFCC1FI12G21 | AFC-100032 | AFNS Cat6 4Pair F/UTP 23AWG FRPVC Cable    –   500m reel |

# COPPER NETWORK CABLES

## AFNS CATEGORY 6 U/UTP
## 4PAIR 23AWG SOLID CABLE

AFNS Cat6 U/UTP cable is designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications and  indoor fixed installations.
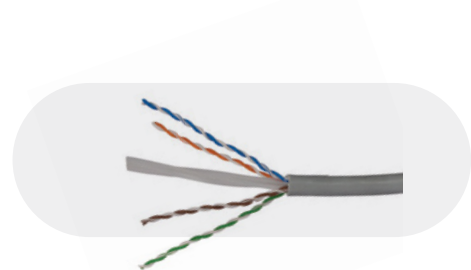
•Operates at bandwidth of 250 MHz
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports 1Gbps speed data Ethernet applications
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel in a spool in a snag free box
•RoHS Compliant
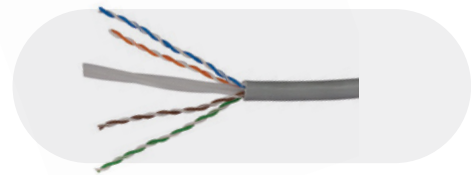
### Ordering Information

| Part Number | Product Code | Product Description | | |
|---|---|---|---|---|
| AFCC1UI22G11 | AFC-100033 | AFNS Cat6 4Pair U/UTP 23AWG LSZH Cable | – | 305m reel |
| AFCC1UI12G11 | AFC-100034 | AFNS Cat6 4Pair U/UTP 23AWG FRPVC Cable | – | 305m reel |

## AFNS CATEGORY 6 U/UTP
## 4PAIR 24AWG SOLID CABLE

AFNS Cat6 U/UTP cable is designed to support high data rates, high bandwidth digital applications and indoor fixed installations

•Operates at bandwidth of 250 MHz
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports 1Gbps speed data Ethernet applications
•Available in LSZH and FR PVC Jacket
•Packaging type: Reel in a spool in a snag free box
•RoHS Compliant
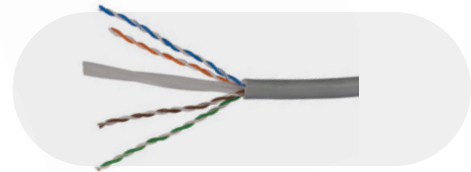
### Ordering Information

| Part Number | Product Code | Product Description | | |
|---|---|---|---|---|
| AFCC1UI21G1 | AFC-100035 | AFNS Cat6 4Pair U/UTP 24AWG LSZH Cable | – | 305m reel |
| AFCC1UI11G1 | AFC-100036 | AFNS Cat6 4Pair U/UTP 24AWG FRPVC Cable | – | 305m reel |

# COPPER PATCH CORDS

## AFNS CATEGORY 8 S/FTP
## 4PAIR RJ-45 PATCH CORD

**AFNS Cat 8 S/FTP Patch cords are designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed applications.**

•Shielded twisted pair design.
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  applications beyond 10-Gbps such as  25-Gbps (25GBASE-T) & 40-Gbps (40GBASE-T) at the MAC/PLS service interface
•Enhanced overall high screen coverage outer braid and individual foils around each pair shielded twisted pair cable construction
•Resistant to alien crosstalk, provides excellent signal isolation and provides superior electro-magnetic interference (EMI) protection to provide superior noise immunity
•Slim boot snag proof design RJ-45 shielded plug for superior performance
•Both component & channel compliant
•Wiring: T568B
•100% factory tested for system performance
•Available in LSZH and FR PVC Jacket
•Available in 6 different colours*
•Available in standard and customized* lengths
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCP5S14I2G001M | AFC-100037 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Grey      –  1m |
| AFCP5S14I2G002M | AFC-100038 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Grey      –  2m |
| AFCP5S14I2G003M | AFC-100039 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Grey      –  3m |
| AFCP5S14I2B001M | AFC-100040 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Blue      –  1m |
| AFCP5S14I2B002M | AFC-100041 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Blue      –  2m |
| AFCP5S14I2B003M | AFC-100042 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Blue      –  3m |
| AFCP5S14I2Y001M | AFC-100043 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Yellow   –  1m |
| AFCP5S14I2Y002M | AFC-100044 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Yellow   –  2m |
| AFCP5S14I2Y003M | AFC-100045 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Yellow   –  3m |
| AFCP5S14I2R001M | AFC-100046 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Red       –  1m |
| AFCP5S14I2R002M | AFC-100047 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Red       –  2m |
| AFCP5S14I2R003M | AFC-100048 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Red       –  3m |
| AFCP5S14I2N001M | AFC-100049 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Green    –  1m |
| AFCP5S14I2N002M | AFC-100050 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Green    –  2m |
| AFCP5S14I2N003M | AFC-100051 | AFNS Cat8 S/FTP RJ-45 Patch cord LSZH Green    –  3m |

* Customized lengths and colours are available on request

# COPPER PATCH CORDS

## AFNS CATEGORY 7A S/FTP
## 4PAIR RJ-45 PATCH CORD

AFNS Cat 7A S/FTP Patch cords are designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed applications.

- Shielded twisted pair design.
- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 standards
- Supports high speed data network applications beyond 10-Gbps such as 25-Gbps (25GBASE-T)
- Enhanced overall high screen coverage outer braid and individual foils around each pair shielded twisted pair cable construction
- Resistant to alien crosstalk, provides excellent signal isolation and provides superior electro-magnetic interference (EMI) protection to provide superior noise immunity
- Slim boot snag proof design RJ-45 shielded plug for superior performance
- Both component & channel compliant
- Wiring: T568B
- 100% factory tested for system performance
- Available in LSZH and FR PVC Jacket
- Available in 6 different colours*
- Available in standard and customized* lengths
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description | | |
|---|---|---|---|---|
| AFCP4S14I2G001M | AFC-100052 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Grey | – | 1m |
| AFCP4S14I2G002M | AFC-100053 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Grey | – | 2m |
| AFCP4S14I2G003M | AFC-100054 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Grey | – | 3m |
| AFCP4S14I2B001M | AFC-100055 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Blue | – | 1m |
| AFCP4S14I2B002M | AFC-100056 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Blue | – | 2m |
| AFCP4S14I2B003M | AFC-100057 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Blue | – | 3m |
| AFCP4S14I2Y001M | AFC-100058 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Yellow | – | 1m |
| AFCP4S14I2Y002M | AFC-100059 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Yellow | – | 2m |
| AFCP4S14I2Y003M | AFC-100060 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Yellow | – | 3m |
| AFCP4S14I2R001M | AFC-100061 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Red | – | 1m |
| AFCP4S14I2R002M | AFC-100062 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Red | – | 2m |
| AFCP4S14I2R003M | AFC-100063 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Red | – | 3m |
| AFCP4S14I2N001M | AFC-100064 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Green | – | 1m |
| AFCP4S14I2N002M | AFC-100065 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Green | – | 2m |
| AFCP4S14I2N003M | AFC-100066 | AFNS Cat7A S/FTP RJ-45 Patch cord LSZH Green | – | 3m |

* Customized lengths and colours are available on request

# COPPER PATCH CORDS

## AFNS CATEGORY 6A S/FTP
## 4PAIR RJ-45 PATCH CORD

AFNS Category 6A S/FTP Patch cords are designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed applications.

• Shielded twisted pair design.
• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
• Enhanced overall high screen coverage outer braid and individual foils around each pair shielded twisted pair cable construction
• Resistant to alien crosstalk, provides excellent signal isolation and provides superior electro-magnetic interference (EMI) protection to provide superior noise immunity
• Slim boot snag proof design RJ-45 shielded plug for superior performance
• Wiring: T568B
• Both component & channel compliant
• 100% factory tested for system performance
• Available in LSZH and FR PVC Jacket
• Available in 6 different colours*
• Available in standard and customized* lengths
• RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description | |
|---|---|---|---|
| AFCP2S14I2G001M | AFC-100067 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Grey | – 1m |
| AFCP2S14I2G002M | AFC-100068 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Grey | – 2m |
| AFCP2S14I2G003M | AFC-100069 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Grey | – 3m |
| AFCP2S14I2B001M | AFC-100070 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Blue | – 1m |
| AFCP2S14I2B002M | AFC-100071 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Blue | – 2m |
| AFCP2S14I2B003M | AFC-100072 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Blue | – 3m |
| AFCP2S14I2Y001M | AFC-100073 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Yellow | – 1m |
| AFCP2S14I2Y002M | AFC-100074 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Yellow | – 2m |
| AFCP2S14I2Y003M | AFC-100075 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Yellow | – 3m |
| AFCP2S14I2R001M | AFC-100076 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Red | – 1m |
| AFCP2S14I2R002M | AFC-100077 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Red | – 2m |
| AFCP2S14I2R003M | AFC-100078 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Red | – 3m |
| AFCP2S14I2N001M | AFC-100079 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Green | – 1m |
| AFCP2S14I2N002M | AFC-100080 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Green | – 2m |
| AFCP2S14I2N003M | AFC-100081 | AFNS Cat6A S/FTP RJ-45 Patch cord LSZH Green | – 3m |

* Customized lengths and colours are available on request

**COPPER ETHERNET SOLUTIONS**

# COPPER PATCH CORDS

## AFNS Category 6A F/UTP
## 4Pair RJ-45 Patch Cord

AFNS Category 6A F/UTP Patch cords are designed
to support high speed IEEE 802.3bt 4P PoE+, high
data rates, high bandwidth digital applications with
low BER and indoor fixed applications.

•Shielded twisted pair design.
•Meets and exceeds transmission performance as per the
requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 10-Gbps Ethernet applications
•Enhanced overall foiled around four twisted pair cable construction
•Eliminates alien crosstalk, provides excellent signal isolation and provides electromagnetic
interference (EMI) protection to provide noise immunity
•Slim boot snag proof design RJ-45 shielded plug for superior performance
•Wiring: T568B
•Both component & channel compliant
•100% factory tested for system performance
•Available in LSZH and FR PVC Jacket
•Available in 6 different colours*
•Available in standard and customized* lengths
•RoHS Compliant

## Ordering Information

| Part Number | Product Code | Product Description | |
|---|---|---|---|
| AFCP2F14I2G001M | AFC-100082 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Grey | – 1m |
| AFCP2F14I2G002M | AFC-100083 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Grey | – 2m |
| AFCP2F14I2G003M | AFC-100084 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Grey | – 3m |
| AFCP2F14I2B001M | AFC-100085 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Blue | – 1m |
| AFCP2F14I2B002M | AFC-100086 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Blue | – 2m |
| AFCP2F14I2B003M | AFC-100087 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Blue | – 3m |
| AFCP2F14I2Y001M | AFC-100088 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Yellow | – 1m |
| AFCP2F14I2Y002M | AFC-100089 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Yellow | – 2m |
| AFCP2F14I2Y003M | AFC-100090 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Yellow | – 3m |
| AFCP2F14I2R001M | AFC-100091 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Red | – 1m |
| AFCP2F14I2R002M | AFC-100092 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Red | – 2m |
| AFCP2F14I2R003M | AFC-100093 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Red | – 3m |
| AFCP2F14I2N001M | AFC-100094 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Green | – 1m |
| AFCP2F14I2N002M | AFC-100095 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Green | – 2m |
| AFCP2F14I2N003M | AFC-100096 | AFNS Cat6A F/UTP RJ-45 Patch cord LSZH Green | – 3m |

* Customized lengths and colours are available on request

# COPPER PATCH CORDS

## AFNS Category 6A U/UTP
## 4Pair RJ-45 Patch Cord

AFNS Category 6A U/UTP Patch cords are designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed applications.

•Unshielded twisted pair design
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 10-Gbps Ethernet applications
•Slim boot snag proof design RJ-45 unshielded plug for superior performance
•Wiring: T568B
•Both component & channel compliant
•100% factory tested for system performance
•Available in LSZH and FR PVC Jacket
•Available in 6 different colours*
•Available in standard and customized* lengths
•RoHS Compliant

## Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCP2U14I2G001M | AFC-100097 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Grey – 1m |
| AFCP2U14I2G002M | AFC-100098 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Grey – 2m |
| AFCP2U14I2G003M | AFC-100099 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Grey – 3m |
| AFCP2U14I2B001M | AFC-100100 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Blue – 1m |
| AFCP2U14I2B002M | AFC-100101 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Blue – 2m |
| AFCP2U14I2B003M | AFC-100102 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Blue – 3m |
| AFCP2U14I2Y001M | AFC-100103 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Yellow – 1m |
| AFCP2U14I2Y002M | AFC-100104 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Yellow – 2m |
| AFCP2U14I2Y003M | AFC-100105 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Yellow – 3m |
| AFCP2U14I2R001M | AFC-100106 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Red – 1m |
| AFCP2U14I2R002M | AFC-100107 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Red – 2m |
| AFCP2U14I2R003M, | AFC-100108 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Red – 3m |
| AFCP2U14I2N001M | AFC-100109 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Green – 1m |
| AFCP2U14I2N002M | AFC-100110 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Green – 2m |
| AFCP2U14I2N003M | AFC-100111 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Green – 3m |

* Customized lengths and colours are available on request

**COPPER ETHERNET SOLUTIONS**

# COPPER PATCH CORDS

## AFNS Category 6 S/FTP
## 4Pair RJ-45 Patch Cord

**AFNS Category 6 S/FTP Patch cords are designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed applications.**

- Shielded twisted pair design.
- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 standards
- Supports high speed data network for 1Gbps Ethernet applications
- Enhanced overall high screen coverage outer braid and individual foils around each pair shielded twisted pair cable construction
- Resistant to crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection to provide superior noise immunity
- Slim boot snag proof design RJ-45 shielded plug for superior performance
- Wiring: T568B
- Both component & channel compliant
- 100% factory tested for system performance
- Available in LSZH and FR PVC Jacket
- Available in 6 different colours*
- Available in standard and customized* lengths
- RoHS Compliant

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### Ordering Information

| Part Number | Product Code | Product Description | |
|---|---|---|---|
| AFCP1S14I2G001M | AFC-100112 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Grey | – 1m |
| AFCP1S14I2G002M | AFC-100113 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Grey | – 2m |
| AFCP1S14I2G003M | AFC-100115 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Grey | – 3m |
| AFCP1S14I2B001M | AFC-100116 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Blue | – 1m |
| AFCP1S14I2B002M | AFC-100117 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Blue | – 2m |
| AFCP1S14I2B003M | AFC-100118 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Blue | – 3m |
| AFCP1S14I2Y001M | AFC-100119 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Yellow | – 1m |
| AFCP1S14I2Y002M | AFC-100120 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Yellow | – 2m |
| AFCP1S14I2Y003M | AFC-100121 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Yellow | – 3m |
| AFCP1S14I2R001M | AFC-100122 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Red | – 1m |
| AFCP1S14I2R002M | AFC-100123 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Red | – 2m |
| AFCP1S14I2R003M | AFC-100124 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Red | – 3m |
| AFCP1S14I2N001M | AFC-100125 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Green | – 1m |
| AFCP1S14I2N002M | AFC-100126 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Green | – 2m |
| AFCP1S14I2N003M | AFC-100127 | AFNS Cat6 S/FTP RJ-45 Patch cord LSZH Green | – 3m |

* Customized lengths and colours are available on request

# COPPER PATCH CORDS

**Amphenol FCi**

## AFNS Category 6 F/UTP
## 4Pair RJ-45 Patch Cord

AFNS Category 6 F/UTP Patch cords are designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed applications.

- Shielded twisted pair design.
- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Supports high speed data network  for 1Gbps Ethernet applications
- Enhanced overall high screen coverage outer braid and individual foils around each pair shielded twisted pair cable construction
- Resistant to crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection to provide superior noise immunity
- Slim boot snag proof design RJ-45 shielded plug for superior performance
- Wiring: T568B
- Both component & channel compliant
- 100% factory tested for system performance
- Available in LSZH and FR PVC Jacket
- Available in 6 different colours*
- Available in standard and customized* lengths
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCP1F14I2G001M | AFC-100128 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Grey     – 1m |
| AFCP1F14I2G002M | AFC-100129 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Grey     – 2m |
| AFCP1F14I2G003M | AFC-100130 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Grey     – 3m |
| AFCP1F14I2B001M | AFC-100131 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Blue     – 1m |
| AFCP1F14I2B002M | AFC-100132 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Blue     – 2m |
| AFCP1F14I2B003M | AFC-100133 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Blue     – 3m |
| AFCP1F14I2Y001M | AFC-100134 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Yellow   – 1m |
| AFCP1F14I2Y002M | AFC-100135 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Yellow   – 2m |
| AFCP1F14I2Y003M | AFC-100136 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Yellow   – 3m |
| AFCP1F14I2R001M | AFC-100137 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Red      – 1m |
| AFCP1F14I2R002M | AFC-100138 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Red      – 2m |
| AFCP1F14I2R003M | AFC-100139 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Red      – 3m |
| AFCP1F14I2N001M | AFC-100140 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Green    – 1m |
| AFCP1F14I2N002M | AFC-100141 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Green    – 2m |
| AFCP1F14I2N003M | AFC-100142 | AFNS Cat6 F/UTP RJ-45 Patch cord LSZH Green    – 3m |

* Customized lengths and colours are available on request

# COPPER PATCH CORDS

## AFNS Category 6 U/UTP 4Pair RJ-45 Patch Cord

AFNS Category 6 U/UTP Patch cords are designed to support high speed IEEE 802.3bt 4P PoE+, high data rates, high bandwidth digital applications with low BER and indoor fixed applications.

• Unshielded twisted pair design
• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 standards
• Supports high speed data network for 1Gbps Ethernet applications
• Slim boot snag proof design RJ-45 unshielded plug for superior performance
• Wiring: T568B • Both component & channel compliant • 100% factory tested for system performance
• Available in LSZH and FR PVC Jacket • Available in 6 different colours* • Available in standard and customized* lengths • 100% factory tested for system performance • RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCP1U14I2G001M | AFC-100143 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Grey     – 1m |
| AFCP1U14I2G002M | AFC-100144 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Grey     – 2m |
| AFCP1U14I2G003M | AFC-100145 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Grey     – 3m |
| AFCP1U14I2B001M | AFC-100146 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Blue     – 1m |
| AFCP1U14I2B002M | AFC-100147 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Blue     – 2m |
| AFCP1U14I2B003M | AFC-100148 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Blue     – 3m |
| AFCP1U14I2Y001M | AFC-100149 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Yellow   – 1m |
| AFCP1U14I2Y002M | AFC-100150 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Yellow   – 2m |
| AFCP1U14I2Y003M | AFC-100151 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Yellow   – 3m |
| AFCP1U14I2R001M | AFC-100152 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Red      – 1m |
| AFCP1U14I2R002M | AFC-100153 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Red      – 2m |
| AFCP1U14I2R003M | AFC-100154 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Red      – 3m |
| AFCP1U14I2N001M | AFC-100155 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Green    – 1m |
| AFCP1U14I2N002M | AFC-100156 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Green    – 2m |
| AFCP1U14I2N003M | AFC-100157 | AFNS Cat6A U/UTP RJ-45 Patch cord LSZH Green    – 3m |

* Customized lengths and colours are available on request

# INFORMATION OUTLET (IO) JACKS

## AFNS Category 6A Shielded (Die-Cast) Keystone RJ-45 IO Jack Tool-less Type

AFNS keystone RJ-45 IO jack is the key component of the Cat6A high performance cabling system. The product delivers superior alien crosstalk suppression & excellent insertion loss performance.

• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 standards
• Supports high speed data network for 10Gbps Ethernet applications
• Robust die cast zinc alloy housing Jacks with 360° shielded design
• Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
• Tool-less type design for ease of installation at site without the use of the punch down tool
• Both component & channel compliant
• Wiring: both T568A & T568B
• 100% factory tested for system performance
• RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI221ULD3 | AFC-100158 | AFNS Cat6A  Shielded IO Jack – Tool-less type |

<div style="writing-mode: vertical">COPPER ETHERNET SOLUTIONS</div>

# INFORMATION OUTLET (IO) JACKS

**Amphenol FCi**

## AFNS Category 6A Shielded (Die-Cast) Keystone RJ-45 IO Jack Punch down Type

AFNS keystone RJ-45 IO jack is the key component of the Cat6A high performance cabling system.  The product delivers superior alien crosstalk suppression & excellent insertion loss performance.

- •Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- •Supports high speed data network  for 10Gbps Ethernet applications
- •Robust die cast zinc alloy housing with 360° shielded design
- •Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
- •Punch down IDC design type
- •Compatible with AFNS rapid punch down tool or with industry standard 110 termination tool
- •Both component & channel compliant
- •Wiring: both T568A & T568B
- •100% factory tested for system performance
- •RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI221UTD3 | AFC-100251 | AFNS Cat6A  Shielded IO Jack – 110 Punch down type |

## AFNS Category 6 Shielded (Die-Cast) Keystone RJ-45 IO Jack Tool-less Type

AFNS keystone RJ-45 IO jack is the key component of the Cat6 high performance cabling system.  The product delivers superior crosstalk suppression & excellent insertion loss performance.

- •Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- •Robust die cast zinc alloy housing  Jacks with 360° shielded design
- •Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
- •Tool-less type design for ease of installation at site without the use of the punch down tool
- •Wiring: both T568A & T568B
- •RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI121ULD3 | AFC-100252 | AFNS Cat6  Shielded IO Jack – Tool-less type |

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# INFORMATION OUTLET (IO) JACKS

Amphenol
**FCi**

## AFNS Category 6A Unshielded (UTP) Keystone RJ-45 IO Jack Tool-less Type

AFNS keystone RJ-45 IO jack is the key component of the Category 6A high performance cabling system.  The product delivers alien crosstalk suppression & excellent insertion loss performance.

• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
• Supports high speed data network  for 10Gbps Ethernet applications
• Tool-less type design for ease of installation at site without the use of the punch down tool
• Both component & channel compliant
• Wiring: both T568A & T568B
• Both component & channel compliant
• 100% factory tested for system performance
• RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI211ULW1 | AFC-100159 | AFNS Cat6A  Unshielded IO Jack  Tool-less  White |
| AFCI211ULB1 | AFC-100160 | AFNS Cat6A  Unshielded IO Jack  Tool-less Blue |
| AFCI211ULY1 | AFC-100161 | AFNS Cat6A  Unshielded IO Jack  Tool-less  Yellow |
| AFCI211ULR1 | AFC-100162 | AFNS Cat6A  Unshielded IO Jack  Tool-less  Red |
| AFCI211ULG1 | AFC-100163 | AFNS Cat6A  Unshielded IO Jack  Tool-less  Green |
| AFCI211ULK1 | AFC-100164 | AFNS Cat6A  Unshielded IO Jack  Tool-less  Black |

## AFNS Category 6A Unshielded (UTP) Keystone RJ-45 IO Jack Punch down Type

AFNS keystone RJ-45 IO jack is the key component of the Category 6A high performance cabling system.  The product delivers alien crosstalk suppression & excellent insertion loss performance.

• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
• Supports high speed data network  for 10Gbps Ethernet applications
• Punch down IDC design type
• Compatible with AFNS rapid punch down tool or with industry standard 110 termination tool
• Both component & channel compliant
• Wiring: both T568A & T568B
• 100% factory tested for system performance
• RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI211UTW1 | AFC-100165 | AFNS Cat6A Unshielded IO Jack  Punch down type  White |
| AFCI211UTB1 | AFC-100166 | AFNS Cat6A Unshielded IO Jack  Punch down type  Blue |
| AFCI211UTY1 | AFC-100167 | AFNS Cat6A Unshielded IO Jack  Punch down type Yellow |
| AFCI211UTR1 | AFC-100168 | AFNS Cat6A Unshielded IO Jack  Punch down type  Red |
| AFCI211UTG1 | AFC-100169 | AFNS Cat6A Unshielded IO Jack  Punch down type  Green |
| AFCI211UTK1 | AFC-100170 | AFNS Cat6A Unshielded IO Jack  Punch down type  Black |

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For more information,
Pls contact: **customersupport.AFNS@fci.com**

# INFORMATION OUTLET (IO) JACKS

## AFNS Category 6 Unshielded (UTP) Keystone RJ-45 IO Jack Tool-less Type

AFNS keystone RJ-45 IO jack is the key component of the Category 6 high performance cabling system. The product delivers alien crosstalk suppression & excellent insertion loss performance.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 1Gbps Ethernet applications
•Tool-less type design for ease of installation at site without the use of the punch down tool
•Both component & channel compliant
•Wiring: both T568A & T568B
•100% factory tested for system performance
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI111ULW1 | AFC-100171 | AFNS Cat6 Unshielded IO Jack  Tool-less  White |
| AFCI111ULB1 | AFC-100172 | AFNS Cat6 Unshielded IO Jack  Tool-less Blue |
| AFCI111ULY1 | AFC-100173 | AFNS Cat6 Unshielded IO Jack  Tool-less  Yellow |
| AFCI111ULR1 | AFC-100174 | AFNS Cat6 Unshielded IO Jack  Tool-less  Red |
| AFCI111ULG1 | AFC-100175 | AFNS Cat6 Unshielded IO Jack  Tool-less  Green |
| AFCI111ULK1 | AFC-100176 | AFNS Cat6 Unshielded IO Jack  Tool-less  Black |

## AFNS Category 6 Unshielded (UTP) Keystone RJ-45 IO Jack Punch down Type

AFNS keystone RJ-45 IO jack is the key component of the Category 6 high performance cabling system. The product delivers alien crosstalk suppression & excellent insertion loss performance.
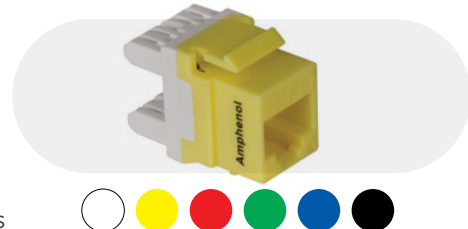
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 1Gbps Ethernet applications
•Punch down IDC design type
•Compatible with AFNS rapid punch down tool or with industry standard 110 termination tool
•Both component & channel compliant
•100% factory tested for system performance
•Wiring: both T568A & T568B
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI111UTW1 | AFC-100177 | AFNS Cat6  Unshielded IO Jack  Punch down type  White |
| AFCI111UTB1 | AFC-100178 | AFNS Cat6  Unshielded IO Jack  Punch down type  Blue |
| AFCI111UTY1 | AFC-100179 | AFNS Cat6  Unshielded IO Jack  Punch down type Yellow |
| AFCI111UTR1 | AFC-100180 | AFNS Cat6  Unshielded IO Jack  Punch down type  Red |
| AFCI111UTG1 | AFC-100181 | AFNS Cat6  Unshielded IO Jack  Punch down type  Green |
| AFCI111UTK1 | AFC-100182 | AFNS Cat6  Unshielded IO Jack  Punch down type  Black |

# JACK/PATCH PANEL

## AFNS Unloaded Keystone (KS) Type Jack Panel

AFNS unloaded KS type jack panel can be configured to provide you the exact number of ports required.  It's a universal modular design compatible with category 6A & category 6 shielded (STP) and unshielded (UTP) keystone IO jacks

- Available in 1U 24port & 2U 48Port  Straight and Angular type
- Compatible for easy snap in of the UTP and STP Keystone Jacks
- Compatible with both tool-less and non-tool-less (punch down type) Keystone IO Jacks
- Individually removable jack panel ports for ease of maintenance during operations.
- Individually removable ports also provides flexibility during installation
- Removable rear cable management bar with cable bend radius features
- Constructed of powder coated cold rolled steel (CRS) for high mechanical performance and durability
- Grounding screws provided for shielded installation
- 100% tested for mechanical characteristics.
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCJ1124XX21 | AFC-100183 | AFNS  24P 1U KS Straight Jack Panel –Unloaded |
| AFCJ1248XX21 | AFC-100184 | AFNS  48P 2U KS Straight Jack Panel –Unloaded |
| AFCJ1124XX21 | AFC-100185 | AFNS  24P 1U KS Angular Jack Panel –Unloaded |
| AFCJ2248XX21 | AFC-100186 | AFNS  48P 2U KS Angular Jack Panel –Unloaded |

## AFNS Category 6A Shielded (STP) Jack Panel – KS Loaded

- Available in  Cat6A Shielded 1U loaded 24Port & 2U 48Port straight and angular type panels
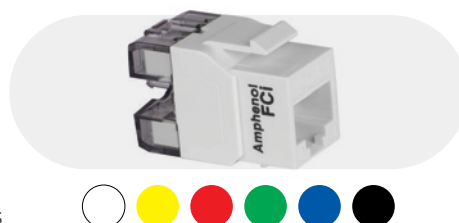- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Supports high speed data network  for 10Gbps Ethernet applications
- Robust die cast zinc alloy housing  for Cat6A IO Jacks with 360° shielded design
- Grounding screws provided for shielded installation
- Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
- Both component & channel compliant
- Wiring: both T568A & T568B
- Individually removable jack panel ports for ease of maintenance during operations.
- Individually removable ports also provides flexibility during installation
- Removable rear cable management bar with cable bend radius features
- Constructed of powder coated cold rolled steel (CRS) for high mechanical performance and durability
- 100% factory tested for mechanical characteristics and system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCJ11241221 | AFC-100195 | AFNS  Cat6A STP 24P 1U KS Straight Jack Panel –Loaded |
| AFCJ12481221 | AFC-100196 | AFNS  Cat6A STP 48P 2U KS Straight Jack Panel –Loaded |
| AFCJ21241221 | AFC-100197 | AFNS  Cat6A STP 24P 1U KS Angled Jack Panel –Loaded |
| AFCJ22481221 | AFC-100198 | AFNS  Cat6A STP 48P 2U KS Angled Jack Panel –Loaded |

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# JACK/PATCH PANEL

**Amphenol FCi**

## AFNS Cat6A Unshielded (UTP) Jack Panel – KS Loaded

•Available in  Cat6A Unshielded 1U loaded 24Port & 2U 48Port straight and angular type panels
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 10Gbps Ethernet applications
•Loaded with black Keystone high performance Cat6A IO Jacks
•Both component & channel compliant
•Wiring: both T568A & T568B
•Individually removable jack panel ports for ease of maintenance during operations.
•Individually removable ports also provides flexibility during installation
•Removable rear cable management bar with cable bend radius features
•Constructed of powder coated cold rolled steel (CRS) for high mechanical performance and durability
•100% factory tested for mechanical characteristics and system performance
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCJ11242121 | AFC-100191 | AFNS  Cat6A UTP 24P 1U KS Straight Jack Panel –Loaded |
| AFCJ12482121 | AFC-100192 | AFNS  Cat6A UTP 48P 2U KS Straight Jack Panel –Loaded |
| AFCJ21242121 | AFC-100193 | AFNS  Cat6A UTP 24P 1U KS Angled Jack Panel –Loaded |
| AFCJ22482121 | AFC-100194 | AFNS  Cat6A UTP 48P 2U KS Angled Jack Panel –Loaded |

## AFNS Category 6 Shielded (STP) Jack Panel – KS Loaded

•Available in  Cat6 Shielded 1U loaded 24Port & 2U 48Port straight and angular type panels
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 1Gbps Ethernet applications
•Robust die cast zinc alloy housing  for Cat6 IO Jacks with 360° shielded design
•Grounding screws provided for shielded installation
•Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
•Both component & channel compliant
•Wiring: both T568A & T568B
•Individually removable jack panel ports for ease of maintenance during operations.
•Individually removable ports also provides flexibility during installation
•Removable rear cable management bar with cable bend radius features
•Constructed of powder coated cold rolled steel (CRS) for high mechanical performance and durability
•100% factory tested for mechanical characteristics and system performance
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCJ11241221 | AFC-100195 | AFNS  Cat6 STP 24P 1U KS Straight Jack Panel –Loaded |
| AFCJ12481221 | AFC-100196 | AFNS  Cat6 STP 48P 2U KS Straight Jack Panel –Loaded |
| AFCJ21241221 | AFC-100197 | AFNS  Cat6 STP 24P 1U KS Angled Jack Panel –Loaded |
| AFCJ22481221 | AFC-100198 | AFNS  Cat6 STP 48P 2U KS Angled Jack Panel –Loaded |

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# JACK/PATCH PANEL

## AFNS CATEGORY 6 UNSHIELDED (UTP) JACK PANEL – KS LOADED

•Available in  Cat6 Unshielded 1U loaded 24Port
& 2U 48Port straight and angular type panels
•Meets and exceeds transmission performance as per the
requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 1Gbps
Ethernet applications
•Loaded with black Keystone high performance Cat6 IO Jacks
•Both component & channel compliant
•Wiring: both T568A & T568B
•Individually removable jack panel ports for ease of maintenance
during operations.
•Individually removable ports also provides flexibility during installation
•Removable rear cable management bar with cable bend radius features
•Constructed of powder coated cold rolled steel (CRS) for high mechanical performance and durability
•100% factory tested for mechanical characteristics and system performance
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
| --- | --- | --- |
| AFCJ11241121 | AFC-100199 | AFNS  Cat6 UTP 24P 1U KS Straight Jack Panel –Loaded |
| AFCJ12481121 | AFC-100200 | AFNS  Cat6 UTP 48P 2U KS Straight Jack Panel –Loaded |
| AFCJ21241121 | AFC-100201 | AFNS  Cat6 UTP 24P 1U KS Angled Jack Panel –Loaded |
| AFCJ22481121 | AFC-100202 | AFNS  Cat6 UTP 48P 2U KS Angled Jack Panel –Loaded |

# WALL FACEPLATE

## AFNS BS TYPE FACE PLATE 86X86 TYPE-1

AFNS unloaded KS type jack panel can be configured to provide you the exact number of ports required.  It's a universal modular design compatible with category 6A & category 6 shielded (STP) and unshielded (UTP) keystone IO jacks

•Available in 1port, 2 ports and 4ports design
•Compatible for easy snap in of the UTP and STP
Keystone IO Jacks
•Compatible with both tool-less and non-tool-less (punch down type) Keystone IO Jacks
•Inbuilt spring type shutter for dust protection
•Individually removable IO ports for ease of maintenance during operations.
•Provides flexibility during installation
•Dimensions: 86mm X 86mm (BS design)
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCW11R1SS1 | AFC-100203 | AFNS  1P BS Type1 ABS Faceplate White – Unloaded |
| AFCW11R1DS1 | AFC-100204 | AFNS  2P BS Type1 ABS Faceplate White – Unloaded |
| AFCW11R1QS1 | AFC-100205 | AFNS  4P BS Type1 ABS Faceplate White – Unloaded |

## AFNS BS TYPE FACE PLATE 86X86 TYPE-2

AFNS unloaded KS type jack panel can be configured to provide you the exact number of ports required.  It's a universal modular design compatible with category 6A & category 6 shielded (STP) and unshielded (UTP) keystone IO jacks

•Available in 1port, 2 ports and 4ports design
•Compatible for easy snap in of the UTP and STP Keystone IO Jacks
•Compatible with both tool-less and non-tool-less (punch down type) Keystone IO Jacks
•Inbuilt spring type shutter for dust protection
•Individually removable IO ports for ease of maintenance during operations.
•Provides flexibility during installation
•Dimensions: 86mm X 86mm (BS design)
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCW11R1SS2 | AFC-100206 | AFNS  1P BS Type2 ABS Faceplate White – Unloaded |
| AFCW11R1DS2 | AFC-100207 | AFNS  2P BS Type2 ABS Faceplate White – Unloaded |
| AFCW11R1QS2 | AFC-100208 | AFNS  4P BS Type2 ABS Faceplate White – Unloaded |

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# FIELD SF RJ-45 MALE CONNECTOR

## AFNS CATEGORY 6A SHIELDED (STP) FIELD RJ-45 CONNECTOR

AFNS Category 6A shielded die-cast type RJ-45 IO male connector is designed to provide flexible connectivity on field for quick installation.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Robust die cast zinc alloy housing  connector with 360° shielded design
•Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
•IP-20 Rated
•Tool-less type design for ease of installation at site without the use of the crimping tool
•Wiring: both T568A & T568B
•100% factory tested for system performance
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
| --- | --- | --- |
| AFCM2221L22S | AFC-100209 | AFNS Cat6A  STP RJ-45 Male SF Field Connector |

## AFNS CATEGORY 6A UNSHIELDED (UTP) FIELD RJ-45 CONNECTOR

AFNS Category 6A unshielded (UTP) RJ-45 IO male connector is designed to provide flexible connectivity on field for quick installation.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•IP-20 Rated
•Tool-less type design for ease of installation at site without the use of the crimping tool
•Wiring: both T568A & T568B
•100% factory tested for system performance
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
| --- | --- | --- |
| AFCM22PILK1 | AFC-100210 | AFNS Cat6A  UTP RJ-45 Male SF Field Connector |

# FIELD SF RJ-45 MALE CONNECTOR

## AFNS CATEGORY 6 SHIELDED (STP) FIELD RJ-45 CONNECTOR

AFNS Category 6 shielded die-cast type RJ-45 IO male connector is designed to provide flexible connectivity on field for quick installation.

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Robust die cast zinc alloy housing  connector with 360° shielded design
- Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
- IP-20 Rated
- Tool-less type design for ease of installation at site without the use of the crimping tool
- Wiring: both T568A & T568B
- 100% factory tested for system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCM1221L22S | AFC-100211 | AFNS Cat6  STP RJ-45 Male SF Field Connector |

## AFNS CATEGORY 6 UNSHIELDED (UTP) FIELD RJ-45 CONNECTOR

AFNS Category 6 unshielded (UTP) RJ-45 IO male connector is designed to provide flexible connectivity on field for quick installation.

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- IP-20 Rated
- Tool-less type design for ease of installation at site without the use of the crimping tool
- Wiring: both T568A & T568B
- 100% factory tested for system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCM12PILK1 | AFC-100212 | AFNS Cat6  UTP RJ-45 Male SF Field Connector |

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For more information,
Pls contact: **customersupport.AFNS@fci.com**

## AFNS CATEGORY 6A SHIELDED (STP) INDUSTRIAL IO JACK

AFNS Category 6A shielded industrial RJ-45 IO Jack is specifically designed for harsh environments. Ideally suitable for the installation of Ethernet LAN applications for manufacturing facilities, transportation hubs, chemical factories, automotive facilities, pharmaceutical factories, water treatment plants, oil & gas facilities,   food & beverage facilities, etc.,  Industrial solution has an unique bayonet kind of latching system to meet and ensure superior network performance for such harsh applications.  The product delivers superior alien crosstalk suppression & excellent insertion loss performance.

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Robust shielded design
- Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity
- Punch down IDC design type
- Bayonet style locking  with outer cap
- IP-67 and NEMA 6P ratings
- Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
- Suitable for extreme harsh environments
- Wiring: both T568A & T568B
- 100% factory tested for system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI221UTK-IS1 | AFC-100213 | AFNS Cat6A  STP RJ-45 IO Jack Bayonet type –Black |

## AFNS CATEGORY 6A UNSHIELDED (UTP) INDUSTRIAL IO JACK

AFNS Category 6A unshielded industrial RJ-45 IO Jack is specifically designed for harsh environments. Ideally suitable for the installation of Ethernet LAN applications for manufacturing facilities, transportation hubs, chemical factories, automotive facilities, pharmaceutical factories, water treatment plants, oil & gas facilities,   food & beverage facilities, etc.,  Industrial solution has an unique bayonet kind of latching system to meet and ensure superior network performance for such harsh applications.  The product delivers superior alien crosstalk suppression & excellent insertion loss performance.

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Punch down IDC design type
- Bayonet style locking  with outer cap
- IP-67 and NEMA 6P ratings
- Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
- Suitable for extreme harsh environments
- Wiring: both T568A & T568B
- 100% factory tested for system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI211UTK-IS1 | AFC-100214 | AFNS Cat6A  UTP RJ-45 Industrial IO Jack Bayonet type –Black |

# INDUSTRIAL NETWORK PRODUCTS

## AFNS CATEGORY 6 SHIELDED (STP) INDUSTRIAL IO JACK

AFNS Category 6 shielded industrial RJ-45 IO Jack is specifically designed for harsh environments. Ideally suitable for the installation of Ethernet LAN applications for manufacturing facilities, transportation hubs, chemical factories, automotive facilities, pharmaceutical factories, water treatment plants, oil & gas facilities,   food & beverage facilities, etc.,  Industrial solution has an unique bayonet kind of latching system to meet and ensure superior network performance for such harsh applications.  The product delivers superior alien crosstalk suppression & excellent insertion loss performance.
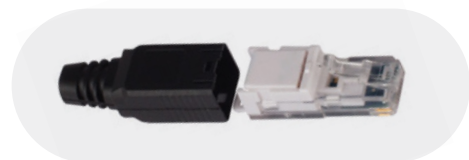
- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Robust shielded design
- Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
- Punch down IDC design type
- Bayonet style locking  with outer cap
- IP-67 and NEMA 6P ratings
- Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
- Suitable for extreme harsh environments
- Wiring: both T568A & T568B
- 100% factory tested for system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI121UTK-IS1 | AFC-100215 | AFNS Cat6  STP RJ-45 IO Jack Bayonet type –Black |

## AFNS CATEGORY 6 UNSHIELDED (UTP) INDUSTRIAL IO JACK

AFNS Category 6 unshielded industrial RJ-45 IO Jack is specifically designed for harsh environments. Ideally suitable for the installation of Ethernet LAN applications for manufacturing facilities, transportation hubs, chemical factories, automotive facilities, pharmaceutical factories, water treatment plants, oil & gas facilities,   food & beverage facilities, etc.,  Industrial solution has an unique bayonet kind of latching system to meet and ensure superior network performance for such harsh applications.  The product delivers superior alien crosstalk suppression & excellent insertion loss performance.

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Punch down IDC design type
- Bayonet style locking  with outer cap
- IP-67 and NEMA 6P ratings
- Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
- Suitable for extreme harsh environments
- Wiring: both T568A & T568B
- 100% factory tested for system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCI111UTK-IS1 | AFC-100216 | AFNS Cat6  UTP RJ-45 Industrial IO Jack Bayonet type –Black |

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# INDUSTRIAL NETWORK PRODUCTS

## AFNS INDUSTRIAL FACEPLATE

AFNS Industrial type stainless steel face plate can be configured to provide the LAN ports required for the workstation cabling suitable for harsh environments.  It has a universal modular design compatible with category 6A & category 6 shielded (STP) and unshielded (UTP) Industrial bayonet type latching IO jacks

- Available in 1port and 2 ports design
- Made of high quality Stainless steel material
- IP67 rated
- Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
- Compatible with AFNS UTP and STP bayonet type RJ-45 IO Jacks
- Dimensions: 120mm X 70mm X 11mm
- 100% tested for mechanical characteristics
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCW22N1SU-IN1 | AFC-100217 | AFNS  1P Industrial Type SS Faceplate – Unloaded |
| AFCW22N1DU-IN1 | AFC-100218 | AFNS  2P Industrial Type SS Faceplate – Unloaded |

## AFNS Category 6A Shielded (STP) Industrial RJ-45 Patch Cord

AFNS Category 6A shielded industrial RJ-45 Patch cords are specifically designed for harsh environments. Ideally suitable for the installation of Ethernet LAN applications for manufacturing facilities, transportation hubs, chemical factories, automotive facilities, pharmaceutical factories, water treatment plants, oil & gas facilities,   food & beverage facilities, etc.,  Industrial solution has an unique bayonet kind of latching system to meet and ensure superior network performance for such harsh applications.  The product delivers superior alien crosstalk suppression & excellent insertion loss performance.
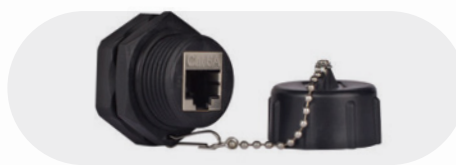
- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Supports high speed data network  for 10Gbps Ethernet applications
- Shielded F/UTP cable construction with Industrial grade black outer sheath
- 4 pair 24 AWG stranded bare copper conductor
- High performance shielded RJ-45 plug
- Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
- Bayonet style connector locking with cap for protection
- Avoids accidental disconnection
- IP-67 and NEMA 6P ratings
- Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
- Suitable for extreme harsh environments
- Wiring scheme available in both T568A & T568B
- 100% factory tested for system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCP2F14N1BB001M | AFC-100219 | AFNS Cat6A STP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 1m |
| AFCP2F14N1BB002M | AFC-100220 | AFNS Cat6A STP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 2m |
| AFCP2F14N1BB003M | AFC-100221 | AFNS Cat6A STP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 3m |
| AFCP2F14N1BB005M | AFC-100222 | AFNS Cat6A STP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 5m |
| AFCP2F14N1BR001M | AFC-100223 | AFNS Cat6A STP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 1m |
| AFCP2F14N1BR002M | AFC-100224 | AFNS Cat6A STP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 2m |
| AFCP2F14N1BR003M | AFC-100225 | AFNS Cat6A STP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 3m |
| AFCP2F14N1BR005M | AFC-100226 | AFNS Cat6A STP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 5m |

For more information,
Pls contact: **customersupport.AFNS@fci.com**

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## AFNS CATEGORY 6A UNSHIELDED (UTP) INDUSTRIAL RJ-45 PATCH CORD

AFNS Category 6A unshielded industrial RJ-45 Patch cords are specifically designed for harsh environments. Ideally suitable for the installation of Ethernet LAN applications for manufacturing facilities, transportation hubs, chemical factories, automotive facilities, pharmaceutical factories, water treatment plants, oil & gas facilities,   food & beverage facilities, etc.,  Industrial solution has an unique bayonet kind of latching system to meet and ensure superior network performance for such harsh applications.



•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 10Gbps Ethernet applications
•Unshielded U/UTP cable construction with Industrial grade black outer sheath
•4 pair 24 AWG stranded bare copper conductor
•High performance unshielded RJ-45 plug
•Bayonet style connector locking with cap for protection
•Avoids accidental disconnection
•IP-67 and NEMA 6P ratings
•Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
•Suitable for extreme harsh environments
•Wiring scheme available in both T568A & T568B
•100% factory tested for system performance
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCP2U14N1BB001M | AFC-100227 | AFNS Cat6A UTP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 1m |
| AFCP2U14N1BB002M | AFC-100228 | AFNS Cat6A UTP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 2m |
| AFCP2U14N1BB003M | AFC-100229 | AFNS Cat6A UTP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 3m |
| AFCP2U14N1BB005M | AFC-100230 | AFNS Cat6A UTP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 5m |
| AFCP2U14N1BR001M | AFC-100231 | AFNS Cat6A UTP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 1m |
| AFCP2U14N1BR002M | AFC-100232 | AFNS Cat6A UTP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 2m |
| AFCP2U14N1BR003M | AFC-100233 | AFNS Cat6A UTP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 3m |
| AFCP2U14N1BR005M | AFC-100234 | AFNS Cat6A UTP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 5m |

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## AFNS CATEGORY 6 SHIELDED (STP) INDUSTRIAL RJ-45 PATCH CORD

AFNS Category 6 shielded industrial RJ-45 Patch cords are specifically designed for harsh environments. Ideally suitable for the installation of Ethernet LAN applications for manufacturing facilities, transportation hubs, chemical factories, automotive facilities, pharmaceutical factories, water treatment plants, oil & gas facilities,   food & beverage facilities, etc.,  Industrial solution has an unique bayonet kind of latching system to meet and ensure superior network performance for such harsh applications.  The product delivers superior alien crosstalk suppression & excellent insertion loss performance.

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
- Supports high speed data network  for 1Gbps Ethernet applications
- Shielded F/UTP cable construction with Industrial grade black outer sheath
- 4 pair 24 AWG stranded bare copper conductor
- High performance shielded RJ-45 plug
- Provides enhanced electromagnetic interference (EMI) protection and superior noise immunity.
- Bayonet style connector locking with cap for protection
- Avoids accidental disconnection
- IP-67 and NEMA 6P ratings
- Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
- Suitable for extreme harsh environments
- Wiring scheme available in both T568A & T568B
- 100% factory tested for system performance
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCP1F14N1BB001M | AFC-100235 | AFNS Cat6 STP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 1m |
| AFCP1F14N1BB002M | AFC-100236 | AFNS Cat6 STP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 2m |
| AFCP1F14N1BB003M | AFC-100237 | AFNS Cat6 STP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 3m |
| AFCP1F14N1BB005M | AFC-100238 | AFNS Cat6 STP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 5m |
| AFCP1F14N1BR001M | AFC-100239 | AFNS Cat6 STP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 1m |
| AFCP1F14N1BR002M | AFC-100240 | AFNS Cat6 STP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 2m |
| AFCP1F14N1BR003M | AFC-100241 | AFNS Cat6 STP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 3m |
| AFCP1F14N1BR005M | AFC-100242 | AFNS Cat6 STP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 5m |

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# INDUSTRIAL NETWORK PRODUCTS

## AFNS CATEGORY 6 UNSHIELDED (UTP) INDUSTRIAL RJ-45 PATCH CORD

AFNS Category 6 unshielded industrial RJ-45 Patch cords are specifically designed for harsh environments. Ideally suitable for the installation of Ethernet LAN applications for manufacturing facilities, transportation hubs, chemical factories, automotive facilities, pharmaceutical factories, water treatment plants, oil & gas facilities,   food & beverage facilities, etc.,  Industrial solution has an unique bayonet kind of latching system to meet and ensure superior network performance for such harsh applications.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.2-D  and ISO/IEC 11801 standards
•Supports high speed data network  for 1Gbps Ethernet applications
•Unshielded U/UTP cable construction with Industrial grade black outer sheath
•4 pair 24 AWG stranded bare copper conductor
•High performance unshielded RJ-45 plug
•Bayonet style connector locking with cap for protection
•Avoids accidental disconnection
•IP-67 and NEMA 6P ratings
•Protection from UV rays, oil, water, heat, dirt, acids, chemicals, moisture, vibration and dust
•Suitable for extreme harsh environments
•Wiring scheme available in both T568A & T568B
•100% factory tested for system performance
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFCP1U14N1BB001M | AFC-100243 | AFNS Cat6 UTP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 1m |
| AFCP1U14N1BB002M | AFC-100244 | AFNS Cat6 UTP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 2m |
| AFCP1U14N1BB003M | AFC-100245 | AFNS Cat6 UTP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 3m |
| AFCP1U14N1BB005M | AFC-100246 | AFNS Cat6 UTP Industrial Bayonet RJ-45 to Bayonet RJ-45 Patch cord Black – 5m |
| AFCP1U14N1BR001M | AFC-100247 | AFNS Cat6 UTP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 1m |
| AFCP1U14N1BR002M | AFC-100248 | AFNS Cat6 UTP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 2m |
| AFCP1U14N1BR003M | AFC-100249 | AFNS Cat6 UTP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 3m |
| AFCP1U14N1BR005M | AFC-100250 | AFNS Cat6 UTP Industrial Bayonet RJ-45 to RJ-45 Patch cord Black – 5m |

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# OPTICAL FIBER CABLES

## AFNS OUTDOOR ARMOURED MULTI-TUBE (MLT) OF CABLE – HDPE JACKET

AFNS armoured optical fiber cable is suitable for the direct burial installation for feeder, distribution and campus backbone connectivity outdoor application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Loose tube gel filled and central FRP design
•ECCS Corrugated Steel Tape Armoured (CSTA) for direct burial and harsh  outdoor applications
•Color coded fibers and loose tubes for ease of termination
•Available in single mode 9/125um OS2, Multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized HDPE black outer sheath
•Anti-rodent & anti termite protection.
•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
| --- | --- | --- |
| AFFCOAM1SH006S2 | AFF-100001 | AFNS 6F SM OS2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH012S2 | AFF-100002 | AFNS 12F SM OS2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH024S2 | AFF-100003 | AFNS 24F SM OS2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH048S2 | AFF-100004 | AFNS 48F SM OS2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH096S2 | AFF-100005 | AFNS 96F SM OS2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH006M2 | AFF-100006 | AFNS 6F MM OM2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH012M2 | AFF-100007 | AFNS 12F MM OM2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH024M2 | AFF-100008 | AFNS 24F MM OM2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH048M2 | AFF-100009 | AFNS 48F MM OM2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH096M2 | AFF-100010 | AFNS 96F MM OM2 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH006M3 | AFF-100011 | AFNS 6F MM OM3 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH012M3 | AFF-100012 | AFNS 12F MM OM3 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH024M3 | AFF-100013 | AFNS 24F MM OM3 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH048M3 | AFF-100014 | AFNS 48F MM OM3 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH096M3 | AFF-100015 | AFNS 96F MM OM3 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH006M4 | AFF-100016 | AFNS 6F MM OM4 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH012M4 | AFF-100017 | AFNS 12F MM OM4 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH024M4 | AFF-100018 | AFNS 24F MM OM4 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH048M4 | AFF-100019 | AFNS 48F MM OM4 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH096M4 | AFF-100020 | AFNS 96F MM OM4 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH006M5 | AFF-100021 | AFNS 6F MM OM5 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH012M5 | AFF-100022 | AFNS 12F MM OM5 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH024M5 | AFF-100023 | AFNS 24F MM OM5 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH048M5 | AFF-100024 | AFNS 48F MM OM5 MLT CSTA Gel filled Optic Fiber Cable – HDPE |
| AFFCOAM1SH096M5 | AFF-100025 | AFNS 96F MM OM5 MLT CSTA Gel filled Optic Fiber Cable – HDPE |

# OPTICAL FIBER CABLES

## AFNS OUTDOOR ARMOURED MULTI-TUBE (MLT) OF CABLE – NYLON JACKET

**AFNS armoured gel filled optical fiber cable is suitable for the direct burial installation for feeder, distribution and campus backbone connectivity outdoor application.**

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Loose tube gel filled and central FRP design
•ECCS Corrugated Steel Tape Armoured (CSTA) for direct burial and harsh  outdoor applications
•Color coded fibers and loose tubes for ease of termination
•Available in single mode 9/125um OS2, Multimode 50/125um  OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized Nylon Black outer sheath
•Anti-rodent & anti termite protection.
•Packaging type: Wooden reel – 2km/4km
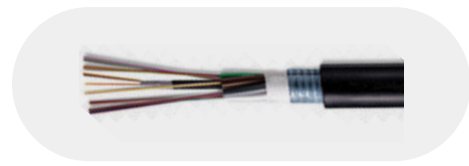•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCOAM1SN006S2 | AFF-100026 | AFNS 6F SM OS2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN012S2 | AFF-100027 | AFNS 12F SM OS2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN024S2 | AFF-100028 | AFNS 24F SM OS2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN048S2 | AFF-100029 | AFNS 48F SM OS2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN096S2 | AFF-100030 | AFNS 96F SM OS2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN006M2 | AFF-100031 | AFNS 6F MM OM2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN012M2 | AFF-100032 | AFNS 12F MM OM2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN024M2 | AFF-100033 | AFNS 24F MM OM2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN048M2 | AFF-100034 | AFNS 48F MM OM2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN096M2 | AFF-100035 | AFNS 96F MM OM2 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN006M3 | AFF-100036 | AFNS 6F MM OM3 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN012M3 | AFF-100037 | AFNS 12F MM OM3 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN024M3 | AFF-100038 | AFNS 24F MM OM3 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN048M3 | AFF-100039 | AFNS 48F MM OM3 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN096M3 | AFF-100040 | AFNS 96F MM OM3 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN006M4 | AFF-100041 | AFNS 6F MM OM4 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN012M4 | AFF-100042 | AFNS 12F MM OM4 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN024M4 | AFF-100043 | AFNS 24F MM OM4 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN048M4 | AFF-100044 | AFNS 48F MM OM4 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN096M4 | AFF-100045 | AFNS 96F MM OM4 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN006M5 | AFF-100046 | AFNS 6F MM OM5 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN012M5 | AFF-100047 | AFNS 12F MM OM5 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN024M5 | AFF-100048 | AFNS 24F MM OM5 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN048M5 | AFF-100049 | AFNS 48F MM OM5 MLT CSTA Gel filled Optic Fiber Cable - Nylon |
| AFFCOAM1SN096M5 | AFF-100050 | AFNS 96F MM OM5 MLT CSTA Gel filled Optic Fiber Cable - Nylon |

**OPTICAL FIBER SOLUTIONS**

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# OPTICAL FIBER CABLES

## AFNS OUTDOOR ARMOURED MULTI-TUBE (MLT) DRY CORE OF CABLE – LSZH JACKET

AFNS armoured dry core (gel free) optical fiber cable is suitable for the direct burial installation for feeder, distribution and campus backbone connectivity outdoor application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Loose tube dry core (gel free) and central FRP design
•ECCS Corrugated Steel Tape Armoured (CSTA) for direct burial and harsh  outdoor applications
•Color coded fibers and loose tubes for ease of termination
•Available in single mode 9/125um OS2, Multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized LSZH black outer sheath
•Anti-rodent & anti termite protection.
•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCOAM2SL006S2 | AFF-100051 | AFNS 6F SM OS2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL012S2 | AFF-100052 | AFNS 12F SM OS2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL024S2 | AFF-100053 | AFNS 24F SM OS2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL048S2 | AFF-100054 | AFNS 48F SM OS2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL096S2 | AFF-100055 | AFNS 96F SM OS2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL006M2 | AFF-100056 | AFNS 6F MM OM2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL012M2 | AFF-100057 | AFNS 12F MM OM2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL024M2 | AFF-100058 | AFNS 24F MM OM2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL048M2 | AFF-100059 | AFNS 48F MM OM2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL096M2 | AFF-100060 | AFNS 96F MM OM2 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL006M3 | AFF-100061 | AFNS 6F MM OM3 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL012M3 | AFF-100062 | AFNS 12F MM OM3 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL024M3 | AFF-100063 | AFNS 24F MM OM3 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL048M3 | AFF-100044 | AFNS 48F MM OM3 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL096M3 | AFF-100065 | AFNS 96F MM OM3 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL006M4 | AFF-100066 | AFNS 6F MM OM4 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL012M4 | AFF-100067 | AFNS 12F MM OM4 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL024M4 | AFF-100068 | AFNS 24F MM OM4 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL048M4 | AFF-100069 | AFNS 48F MM OM4 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL096M4 | AFF-100070 | AFNS 96F MM OM4 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL006M5 | AFF-100071 | AFNS 6F MM OM5 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL012M5 | AFF-100072 | AFNS 12F MM OM5 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL024M5 | AFF-100073 | AFNS 24F MM OM5 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL048M5 | AFF-100074 | AFNS 48F MM OM5 MLT CSTA Dry Core Optic Fiber Cable - LSZH |
| AFFCOAM2SL096M5 | AFF-100075 | AFNS 96F MM OM5 MLT CSTA Dry Core Optic Fiber Cable - LSZH |

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# OPTICAL FIBER CABLES

## AFNS OUTDOOR ARMOURED UNITUBE (UT) GELL FILLED OF CABLE – HDPE JACKET

**AFNS armoured optical fiber cable is suitable for the direct burial installation for feeder, distribution and campus backbone connectivity outdoor application.**



•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Central single loose tube (Unitube) gel filled with 2 steel rods on the periphery
•ECCS Corrugated Steel Tape Armoured (CSTA) for direct burial outdoor applications
•Color coded fibers for ease of termination
•Available in single mode 9/125um OS2, multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized HDPE black outer sheath
•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCAUSH06S2 | AFF-100076 | AFNS 6F SM OS2 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH12S2 | AFF-100077 | AFNS 12F SM OS2 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH24S2 | AFF-100078 | AFNS 24F SM OS2 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH06M2 | AFF-100079 | AFNS 6F MM OM2 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH12M2 | AFF-100080 | AFNS 12F MM OM2 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH24M2 | AFF-100081 | AFNS 24F MM OM2 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH06M3 | AFF-100082 | AFNS 6F MM OM3 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH12M3 | AFF-100083 | AFNS 12F MM OM3 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH24M3 | AFF-100084 | AFNS 24F MM OM3 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH06M4 | AFF-100085 | AFNS 6F MM OM4 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH12M4 | AFF-100086 | AFNS 12F MM OM4 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH24M4 | AFF-100087 | AFNS 24F MM OM4 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH06M5 | AFF-100088 | AFNS 6F MM OM5 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH12M5 | AFF-100089 | AFNS 12F MM OM5 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |
| AFFCAUSH24M5 | AFF-100090 | AFNS 24F MM OM5 Unitube Gel filled CSTA Optic Fiber Cable – HDPE |

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# OPTICAL FIBER CABLES

## AFNS OUTDOOR ARMOURED UNITUBE (UT) GEL FILLED OF CABLE – NYLON JACKET

AFNS armoured optical fiber cable is suitable for the direct burial installation for feeder, distribution and campus backbone connectivity outdoor application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Central single loose tube (Unitube) gel filled with 2 steel rods on the periphery
•ECCS Corrugated Steel Tape Armoured (CSTA) for direct burial outdoor applications
•Color coded fibers for ease of termination
•Available in single mode 9/125um OS2, multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized Nylon black outer sheath
•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCAUSN06S2 | AFF-100091 | AFNS 6F SM OS2 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN12S2 | AFF-100092 | AFNS 12F SM OS2 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN24S2 | AFF-100093 | AFNS 24F SM OS2 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN06M2 | AFF-100094 | AFNS 6F MM OM2 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN12M2 | AFF-100095 | AFNS 12F MM OM2 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN24M2 | AFF-100096 | AFNS 24F MM OM2 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN06M3 | AFF-100097 | AFNS 6F MM OM3 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN12M3 | AFF-100098 | AFNS 12F MM OM3 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN24M3 | AFF-100099 | AFNS 24F MM OM3 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN06M4 | AFF-100100 | AFNS 6F MM OM4 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN12M4 | AFF-100101 | AFNS 12F MM OM4 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN24M4 | AFF-100102 | AFNS 24F MM OM4 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN06M5 | AFF-100103 | AFNS 6F MM OM5 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN12M5 | AFF-100104 | AFNS 12F MM OM5 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |
| AFFCAUSN24M5 | AFF-100105 | AFNS 24F MM OM5 Unitube Gel filled CSTA Optic Fiber Cable – Nylon |

# OPTICAL FIBER CABLES

## AFNS OUTDOOR ARMOURED UNITUBE (UT) DRY CORE OF CABLE – LSZH JACKET

AFNS armoured unitube dry core (gel free) optical fiber cable is suitable for the direct burial installation for feeder, distribution and campus backbone connectivity outdoor application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Central single loose tube (Unitube) dry core (gel free) with 2 steel rods on the periphery
•ECCS Corrugated Steel Tape Armoured (CSTA) for direct burial outdoor applications
•Color coded fibers for ease of termination
•Available in single mode 9/125um OS2, multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized LSZH black outer sheath
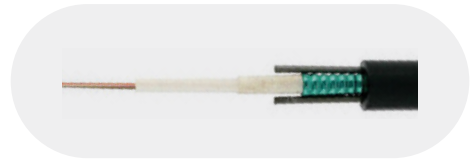•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCAUSDL06S2 | AFF-100105 | AFNS 6F SM OS2 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL12S2 | AFF-100106 | AFNS 12F SM OS2 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL24S2 | AFF-100107 | AFNS 24F SM OS2 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL06M2 | AFF-100108 | AFNS 6F MM OM2 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL12M2 | AFF-100109 | AFNS 12F MM OM2 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL24M2 | AFF-100110 | AFNS 24F MM OM2 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL06M3 | AFF-100111 | AFNS 6F MM OM3 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL12M3 | AFF-100112 | AFNS 12F MM OM3 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL24M3 | AFF-100113 | AFNS 24F MM OM3 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL12M3 | AFF-100112 | AFNS 12F MM OM3 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL24M3 | AFF-100113 | AFNS 24F MM OM3 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL06M4 | AFF-100114 | AFNS 6F MM OM4 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL12M4 | AFF-100115 | AFNS 12F MM OM4 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL24M4 | AFF-100116 | AFNS 24F MM OM4 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL06M5 | AFF-100117 | AFNS 6F MM OM5 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL12M5 | AFF-100118 | AFNS 12F MM OM5 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |
| AFFCAUSDL24M5 | AFF-100119 | AFNS 24F MM OM5 Unitube Dry Core CSTA Optic Fiber Cable - LSZH |

**OPTICAL FIBER SOLUTIONS**

# OPTICAL FIBER CABLES

## AFNS OUTDOOR UNARMOURED MULTI-TUBE (MLT) OF CABLE – HDPE JACKET

AFNS unarmoured dielectric optical fiber cable is suitable for the installation in ducts for feeder, distribution and campus backbone connectivity outdoor application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Loose tube gel filled and central FRP design
•Unarmoured dielectric non –metallic construction
•Color coded fibers and loose tubes for ease of termination
•Available in single mode 9/125um OS2, Multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized HDPE black outer sheath
•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFC0CM1SH006S2 | AFF-100120 | AFNS 6F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH012S2 | AFF-100121 | AFNS 12F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH024S2 | AFF-100122 | AFNS 24F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH048S2 | AFF-100123 | AFNS 48F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH096S2 | AFF-100124 | AFNS 96F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH006M2 | AFF-100125 | AFNS 6F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH012M2 | AFF-100126 | AFNS 12F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH024M2 | AFF-100127 | AFNS 24F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH048M2 | AFF-100128 | AFNS 48F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH096M2 | AFF-100129 | AFNS 96F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH006M3 | AFF-100130 | AFNS 6F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH012M3 | AFF-100131 | AFNS 12F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH024M3 | AFF-100132 | AFNS 24F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH048M3 | AFF-100133 | AFNS 48F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH096M3 | AFF-100134 | AFNS 96F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH006M4 | AFF-100135 | AFNS 6F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH012M4 | AFF-100136 | AFNS 12F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH024M4 | AFF-100137 | AFNS 24F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH048M4 | AFF-100138 | AFNS 48F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH096M4 | AFF-100139 | AFNS 96F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH006M5 | AFF-100140 | AFNS 6F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable - HDPE |
| AFFC0CM1SH012M5 | AFF-100141 | AFNS 12F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH024M5 | AFF-100142 | AFNS 24F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH048M5 | AFF-100143 | AFNS 48F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |
| AFFC0CM1SH096M5 | AFF-100144 | AFNS 96F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable-HDPE |

For more information,
Pls contact: customersupport.AFNS@fci.com

# OPTICAL FIBER CABLES

## AFNS OUTDOOR UNARMOURED MULTIPLE LOOSE TUBE (MLT) OF CABLE – NYLON JACKET

AFNS unarmoured dielectric optical fiber cable is suitable for the installation in ducts for feeder, distribution and campus backbone connectivity outdoor application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Loose tube gel filled and central FRP design
•Unarmoured dielectric non –metallic construction
•Color coded fibers and loose tubes for ease of termination
•Available in single mode 9/125um OS2, Multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized Nylon outer sheath
•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCOCM1SN006S2 | AFF-100120 | AFNS 6F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN012S2 | AFF-100121 | AFNS 12F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN024S2 | AFF-100122 | AFNS 24F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN048S2 | AFF-100123 | AFNS 48F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN096S2 | AFF-100124 | AFNS 96F SM OS2 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN006M2 | AFF-100125 | AFNS 6F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN012M2 | AFF-100126 | AFNS 12F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN024M2 | AFF-100127 | AFNS 24F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN048M2 | AFF-100128 | AFNS 48F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN096M2 | AFF-100129 | AFNS 96F MM OM2 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN006M3 | AFF-100130 | AFNS 6F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN012M3 | AFF-100131 | AFNS 12F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN024M3 | AFF-100132 | AFNS 24F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN048M3 | AFF-100133 | AFNS 48F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN096M3 | AFF-100134 | AFNS 96F MM OM3 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN006M4 | AFF-100135 | AFNS 6F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN012M4 | AFF-100136 | AFNS 12F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN024M4 | AFF-100137 | AFNS 24F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN048M4 | AFF-100138 | AFNS 48F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN096M4 | AFF-100139 | AFNS 96F MM OM4 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN006M5 | AFF-100140 | AFNS 6F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable - Nylon |
| AFFCOCM1SN012M5 | AFF-100141 | AFNS 12F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN024M5 | AFF-100142 | AFNS 24F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN048M5 | AFF-100143 | AFNS 48F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |
| AFFCOCM1SN096M5 | AFF-100144 | AFNS 96F MM OM5 MLT Unarmoured Gel filled Optic Fiber Cable- Nylon |

For more information,
Pls contact: customersupport.AFNS@fci.com

# OPTICAL FIBER CABLES

## AFNS OUTDOOR UNARMOURED MULTI-TUBE (MLT) DRY CORE OF CABLE – LSZH JACKET

AFNS unarmoured dielectric dry core (gel free) optical fiber cable is suitable for the installation in ducts for feeder, distribution and campus backbone connectivity outdoor application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Loose tube dry core (gel free) and central FRP design
•Unarmoured dielectric non –metallic construction
•Color coded fibers and loose tubes for ease of termination
•Available in single mode 9/125um OS2, Multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized LSZH black outer sheath
•Packaging type: Wooden reel – 2km/4km
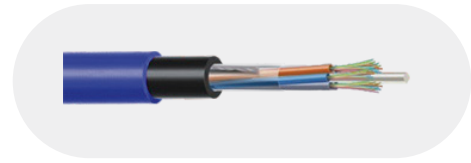•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCOCM2SL006S2 | AFF-100145 | AFNS 6F SM OS2 MLT Unarmoured Dry Core Optic Fiber Cable - LSZH |
| AFFCOCM2SL012S2 | AFF-100146 | AFNS 12F SM OS2 MLT Unarmoured Dry Core Optic Fiber Cable - LSZH |
| AFFCOCM2SL024S2 | AFF-100147 | AFNS 24F SM OS2 MLT Unarmoured Dry Core Optic Fiber Cable - LSZH |
| AFFCOCM2SL048S2 | AFF-100148 | AFNS 48F SM OS2 MLT Unarmoured Dry Core Optic Fiber Cable - LSZH |
| AFFCOCM2SL096S2 | AFF-100149 | AFNS 96F SM OS2 MLT Unarmoured Dry Core Optic Fiber Cable - LSZH |
| AFFCOCM2SL006M2 | AFF-100150 | AFNS 06F MM OM2 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL012M2 | AFF-100151 | AFNS 12F MM OM2 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL024M2 | AFF-100152 | AFNS 24F MM OM2 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL048M2 | AFF-100153 | AFNS 48F MM OM2 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL096M2 | AFF-100154 | AFNS 96F MM OM2 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL006M3 | AFF-100155 | AFNS 6F MM OM3 MLT Unarmoured Dry Core Optic Fiber Cable - LSZH |
| AFFCOCM2SL012M3 | AFF-100156 | AFNS 12F MM OM3 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL024M3 | AFF-100157 | AFNS 24F MM OM3 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL048M3 | AFF-100158 | AFNS 48F MM OM3 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL096M3 | AFF-100159 | AFNS 96F MM OM3 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL006M4 | AFF-100160 | AFNS 6F MM OM4 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL012M4 | AFF-100161 | AFNS 12F MM OM4 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL024M4 | AFF-100162 | AFNS 24F MM OM4 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL048M4 | AFF-100163 | AFNS 48F MM OM4 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL096M4 | AFF-100164 | AFNS 96F MM OM4 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL006M5 | AFF-100165 | AFNS 6F MM OM5 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL012M5 | AFF-100166 | AFNS 12F MM OM5 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL024M5 | AFF-100167 | AFNS 24F MM OM5 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL048M5 | AFF-100168 | AFNS 48F MM OM5 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |
| AFFCOCM2SL096M5 | AFF-100169 | AFNS 96F MM OM5 MLT Unarmoured Dry Core Optic Fiber Cable-LSZH |

# OPTICAL FIBER CABLES

## AFNS OUTDOOR UNARMOURED UNITUBE (UT) GELL FILLED OF CABLE – HDPE JACKET

**AFNS unarmoured dielectric optical fiber cable is suitable for the installation in ducts for feeder, distribution and campus backbone connectivity outdoor application.**

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Central single loose tube (Unitube) gel filled with  FRP rods on the periphery
•Unarmoured dielectric non –metallic construction
•Color coded fibers for ease of termination
•Available in single mode 9/125um OS2, multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized HDPE black outer sheath
•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

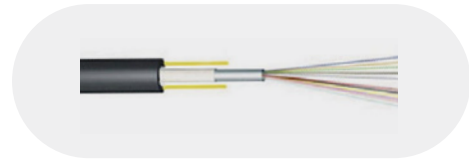| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCOCU1SH06S2 | AFF-100170 | AFNS 6F SM OS2 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH12S2 | AFF-100171 | AFNS 12F SM OS2 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH24S2 | AFF-100172 | AFNS 24F SM OS2 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH06M2 | AFF-100173 | AFNS 6F MM OM2 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH12M2 | AFF-100174 | AFNS 12F MM OM2 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH24M2 | AFF-100175 | AFNS 24F MM OM2 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH06M3 | AFF-100176 | AFNS 6F MM OM3 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH12M3 | AFF-100177 | AFNS 12F MM OM3 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH24M3 | AFF-100178 | AFNS 24F MM OM3 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH06M4 | AFF-100179 | AFNS 6F MM OM4 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH12M4 | AFF-100180 | AFNS 12F MM OM4 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH24M4 | AFF-100181 | AFNS 24F MM OM4 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH06M5 | AFF-100182 | AFNS 6F MM OM5 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH12M5 | AFF-100183 | AFNS 12F MM OM5 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |
| AFFCOCU1SH24M5 | AFF-100184 | AFNS 24F MM OM5 Unitube Gel filled Unarmoured Optic Fiber Cable-HDPE |

**OPTICAL FIBER SOLUTIONS**

RoHS

# OPTICAL FIBER CABLES

Amphenol **FCi**

## AFNS OUTDOOR UNARMOURED UNITUBE (UT) GELL FILLED OF CABLE – NYLON JACKET

AFNS unarmoured dielectric optical fiber cable is suitable for the installation in ducts for feeder, distribution and campus backbone connectivity outdoor application.

- •Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D and ISO/IEC 11801 standards
- •Central single loose tube (Unitube) gel filled with FRP rods on the periphery
- •Unarmoured dielectric non –metallic construction
- •Color coded fibers for ease of termination
- •Available in single mode 9/125um OS2, multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
- •UV stabilized Nylon black outer sheath
- •Packaging type: Wooden reel – 2km/4km
- •RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCOCU1SN06S2 | AFF-100185 | AFNS 6F SM OS2 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN12S2 | AFF-100186 | AFNS 12F SM OS2 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN24S2 | AFF-100187 | AFNS 24F SM OS2 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN06M2 | AFF-100188 | AFNS 6F MM OM2 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN12M2 | AFF-100189 | AFNS 12F MM OM2 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN24M2 | AFF-100190 | AFNS 24F MM OM2 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN06M3 | AFF-100191 | AFNS 6F MM OM3 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN12M3 | AFF-100192 | AFNS 12F MM OM3 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN24M3 | AFF-100193 | AFNS 24F MM OM3 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN06M4 | AFF-100194 | AFNS 6F MM OM4 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN12M4 | AFF-100195 | AFNS 12F MM OM4 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN24M4 | AFF-100196 | AFNS 24F MM OM4 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN06M5 | AFF-100197 | AFNS 6F MM OM5 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN12M5 | AFF-100198 | AFNS 12F MM OM5 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |
| AFFCOCU1SN24M5 | AFF-100199 | AFNS 24F MM OM5 Unitube Gel filled Unarmoured Optic Fiber Cable-Nylon |

**OPTICAL FIBER SOLUTIONS**

# OPTICAL FIBER CABLES

Amphenol
**FCi**

## AFNS OUTDOOR UNARMOURED UNITUBE (UT) DRY CORE OF CABLE – LSZH JACKET

AFNS armoured unitube dry core (gel free) optical fiber cable is suitable for the installation in ducts for feeder, distribution and campus backbone connectivity outdoor application.
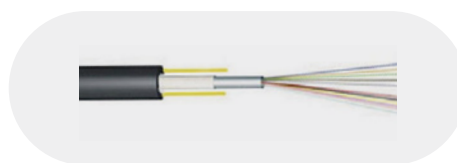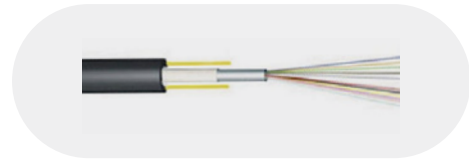
•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Central single loose tube (Unitube) dry core (gel free) with  FRP rods on the periphery
•Unarmoured dielectric non –metallic construction
•Color coded fibers for ease of termination
•Available in single mode 9/125um OS2, multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
•UV stabilized LSZH black outer sheath
•Packaging type: Wooden reel – 2km/4km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCOCU2SL06S2 | AFF-100200 | AFNS 6F SM OS2 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL12S2 | AFF-100201 | AFNS 12F SM OS2 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL24S2 | AFF-100202 | AFNS 24F SM OS2 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL06M2 | AFF-100203 | AFNS 6F MM OM2 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL12M2 | AFF-100204 | AFNS 12F MM OM2 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL24M2 | AFF-100205 | AFNS 24F MM OM2 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL06M3 | AFF-100206 | AFNS 6F MM OM3 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL12M3 | AFF-100207 | AFNS 12F MM OM3 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL24M3 | AFF-100208 | AFNS 24F MM OM3 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL06M4 | AFF-100209 | AFNS 6F MM OM4 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL12M4 | AFF-100210 | AFNS 12F MM OM4 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL24M4 | AFF-100211 | AFNS 24F MM OM4 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL06M5 | AFF-100212 | AFNS 6F MM OM5 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL12M5 | AFF-100213 | AFNS 12F MM OM5 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |
| AFFCOCU2SL24M5 | AFF-100214 | AFNS 24F MM OM5 Unitube Dry Core Unarmoured Optic Fiber Cable-LSZH |

OPTICAL FIBER SOLUTIONS

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# OPTICAL FIBER CABLES

## AFNS INDOOR TIGHT BUFFER RISER CABLE

**AFNS indoor/outdoor tight buffer riser optical fiber cable is suitable for the installation in riser and floor distribution application.**
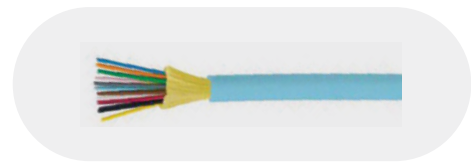
• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
• Internal grade – riser and horizontal installation
• 900um tight buffer design for riser
• E-glass yarn strength member
• Unarmoured dielectric non –metallic design
• Lighter and smaller outer diameter for easy and fast installation
• Color coded fibers for ease of termination
• Available in single mode 9/125um OS2, multimode 50/125um OM2, OM3, OM4 & OM5 fiber cores
• Available in LSZH and FR PVC outer jackets
• 100% tested for mechanical and optical characteristics
• Packaging type: Wooden reel – 1km/2km
• RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCTRLD06S2 | AFF-100215 | AFNS 6F SM OS2 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD12S2 | AFF-100216 | AFNS 12F SM OS2 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD24S2 | AFF-100217 | AFNS 24F SM OS2 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD06M2 | AFF-100218 | AFNS 6F MM OM2 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD12M2 | AFF-100219 | AFNS 12F MM OM2 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD24M2 | AFF-100220 | AFNS 24F MM OM2 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD06M3 | AFF-100221 | AFNS 6F MM OM3 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD12M3 | AFF-100222 | AFNS 12F MM OM3 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD24M3 | AFF-100223 | AFNS 24F MM OM3 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD06M4 | AFF-100224 | AFNS 6F MM OM4 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD12M4 | AFF-100225 | AFNS 12F MM OM4 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD24M4 | AFF-100226 | AFNS 24F MM OM4 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD06M5 | AFF-100227 | AFNS 6F MM OM5 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD12M5 | AFF-100228 | AFNS 12F MM OM5 Tight Buffer Riser Optic Fiber Cable-LSZH |
| AFFCTRLD24M5 | AFF-100229 | AFNS 24F MM OM5 Tight Buffer Riser Optic Fiber Cable-LSZH |

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCTRPD06S2 | AFF-100230 | AFNS 6F SM OS2 Tight Buffer Riser Optic Fiber Cable-FR PVC |
| AFFCTRPD12S2 | AFF-100231 | AFNS 12F SM OS2 Tight Buffer Riser Optic Fiber Cable-FR PVC |
| AFFCTRPD24S2 | AFF-100232 | AFNS 24F SM OS2 Tight Buffer Riser Optic Fiber Cable-FR PVC |
| AFFCTRPD06M2 | AFF-100233 | AFNS 6F MM OM2 Tight Buffer Riser Optic Fiber Cable-FR PVC |
| AFFCTRPD12M2 | AFF-100234 | AFNS 12F MM OM2 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD24M2 | AFF-100235 | AFNS 24F MM OM2 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD06M3 | AFF-100236 | AFNS 6F MM OM3 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD12M3 | AFF-100237 | AFNS 12F MM OM3 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD24M3 | AFF-100238 | AFNS 24F MM OM3 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD06M4 | AFF-100239 | AFNS 6F MM OM4 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD12M4 | AFF-100240 | AFNS 12F MM OM4 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD24M4 | AFF-100241 | AFNS 24F MM OM4 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD06M5 | AFF-100242 | AFNS 6F MM OM5 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD12M5 | AFF-100243 | AFNS 12F MM OM5 Tight Buffer Riser Optic Fiber Cable- FR PVC |
| AFFCTRPD24M5 | AFF-100244 | AFNS 24F MM OM5 Tight Buffer Riser Optic Fiber Cable- FR PVC |

# OPTICAL FIBER CABLES

## AFNS INDOOR FLAT DROP FTTH CABLE

AFNS indoor flat optical fiber drop cable is suitable for the FTTH installation for inside building application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D and ISO/IEC 11801 standards
•Internal grade – riser and horizontal installation
•900um tight buffer design for riser
•Bend insensitive (BI) G657 A1 & A2 fiber core
•Unarmoured dielectric non –metallic design
•Lighter and smaller dimensions for easy and fast installation
•Color coded fibers for ease of termination
•Available in LSZH and FR PVC outer jacket
•100% tested for mechanical and optical characteristics
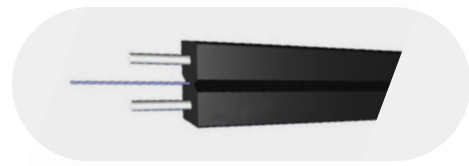•Packaging type: Wooden reel – 1km/2km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCUDL01SA2 | AFF-100245 | AFNS 1F SM OS2 G657A2 BI FTTH Flat Drop Optic Fiber Cable-LSZH |
| AFFCUDL02SA2 | AFF-100246 | AFNS 2F SM OS2 G657A2 BI FTTH Flat Drop Optic Fiber Cable-LSZH |
| AFFCUDL04SA2 | AFF-100247 | AFNS 4F SM OS2 G657A2 BI FTTH Flat Drop Optic Fiber Cable-LSZH |
| AFFCUDP01SA2 | AFF-100248 | AFNS 1F SM OS2 G657A2 BI FTTH Flat Drop Optic Fiber Cable-FR PVC |
| AFFCUDP02SA2 | AFF-100249 | AFNS 2F SM OS2 G657A2 BI FTTH Flat Drop Optic Fiber Cable- FR PVC |
| AFFCUDP04SA2 | AFF-100250 | AFNS 4F SM OS2 G657A2 BI FTTH Flat Drop Optic Fiber Cable- FR PVC |
| AFFCUDL01SA1 | AFF-100251 | AFNS 1F SM OS2 G657A1 BI FTTH Flat Drop Optic Fiber Cable-LSZH |
| AFFCUDL02SA1 | AFF-100252 | AFNS 2F SM OS2 G657A1 BI FTTH Flat Drop Optic Fiber Cable-LSZH |
| AFFCUDL04SA1 | AFF-100253 | AFNS 4F SM OS2 G657A1 BI FTTH Flat Drop Optic Fiber Cable-LSZH |
| AFFCUDP01SA1 | AFF-100254 | AFNS 1F SM OS2 G657A1 BI FTTH Flat Drop Optic Fiber Cable-FR PVC |
| AFFCUDP02SA1 | AFF-100255 | AFNS 2F SM OS2 G657A1 BI FTTH Flat Drop Optic Fiber Cable- FR PVC |
| AFFCUDP04SA1 | AFF-100256 | AFNS 4F SM OS2 G657A1 BI FTTH Flat Drop Optic Fiber Cable- FR PVC |

**OPTICAL FIBER SOLUTIONS**

# OPTICAL FIBER CABLES

## AFNS INDOOR ROUND DROP FTTH CABLE

AFNS indoor round optical fiber drop cable is suitable for the FTTH installation for inside building application.

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
•Internal grade – riser and horizontal installation
•900um tight buffer design for riser
•Bend insensitive (BI) G657A1 & A2 fiber core
•Unarmoured dielectric non –metallic design
•Lighter and smaller outer diameter  for easy and fast installation
•Color coded fibers for ease of termination
•Available in LSZH and FR PVC outer jacket
•100% tested for mechanical and optical characteristics
•Packaging type: Wooden reel – 1km/2km
•RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCUDL01SA2R | AFF-100257 | AFNS 1F SM OS2 G657A2 BI FTTH Drop Optic Fiber Cable-LSZH |
| AFFCUDL02SA2R | AFF-100258 | AFNS 2F SM OS2 G657A2 BI FTTH Drop Optic Fiber Cable-LSZH |
| AFFCUDL04SA2R | AFF-100259 | AFNS 4F SM OS2 G657A2 BI FTTH Drop Optic Fiber Cable-LSZH |
| AFFCUDP01SA2R | AFF-100260 | AFNS 1F SM OS2 G657A2 BI FTTH Drop Optic Fiber Cable-FR PVC |
| AFFCUDP02SA2R | AFF-100261 | AFNS 2F SM OS2 G657A2 BI FTTH Drop Optic Fiber Cable- FR PVC |
| AFFCUDP04SA2R | AFF-100262 | AFNS 4F SM OS2 G657A2 BI FTTH Drop Optic Fiber Cable- FR PVC |
| AFFCUDL01SA1R | AFF-100263 | AFNS 1F SM OS2 G657A1 BI FTTH Drop Optic Fiber Cable-LSZH |
| AFFCUDL02SA1R | AFF-100264 | AFNS 2F SM OS2 G657A1 BI FTTH Drop Optic Fiber Cable-LSZH |
| AFFCUDL04SA1R | AFF-100265 | AFNS 4F SM OS2 G657A1 BI FTTH Drop Optic Fiber Cable-LSZH |
| AFFCUDP01SA1R | AFF-100266 | AFNS 1F SM OS2 G657A1 BI FTTH Drop Optic Fiber Cable-FR PVC |
| AFFCUDP02SA1R | AFF-100267 | AFNS 2F SM OS2 G657A1 BI FTTH Drop Optic Fiber Cable- FR PVC |
| AFFCUDP04SA1R | AFF-100268 | AFNS 4F SM OS2 G657A1 BI FTTH Drop Optic Fiber Cable- FR PVC |

# OPTICAL FIBER CABLES

## AFNS INDOOR/OUTDOOR ROUND ARMOURED DROP FTTH CABLE

AFNS indoor/outdoor spiral armoured round optical fiber drop cable is suitable for the FTTH installation for inter and intra building applications

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and ISO/IEC 11801 standards
- Indoor, midspan and outdoor – riser and horizontal installation
- 900um tight buffer design
- Bend insensitive (BI) G657A1 & A2 fiber core
- Steel Spiral armoured design for more physical protection
- Lighter and smaller outer diameter  for easy and fast installation
- Color coded fibers for ease of termination
- Available in LSZH and FR PVC outer jacket
- 100% tested for mechanical and optical characteristics
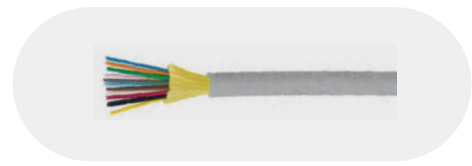- Packaging type: Wooden reel – 1km/2km
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFCUDL01SA2RS | AFF-100269 | AFNS 1F SM OS2 G657A2 BI FTTH Armoured Drop Optic Fiber Cable–LSZH |
| AFFCUDL02SA2RS | AFF-100270 | AFNS 2F SM OS2 G657A2 BI FTTH Armoured Drop Optic Fiber Cable–LSZH |
| AFFCUDL04SA2RS | AFF-100271 | AFNS 4F SM OS2 G657A2 BI FTTH Armoured Drop Optic Fiber Cable–LSZH |
| AFFCUDP01SA2RS | AFF-100272 | AFNS 1F SM OS2 G657A2 BI FTTH Armoured Drop Optic Fiber Cable–FR PVC |
| AFFCUDP02SA2RS | AFF-100273 | AFNS 2F SM OS2 G657A2 BI FTTH Armoured Drop Optic Fiber Cable- FR PVC |
| AFFCUDP04SA2RS | AFF-100274 | AFNS 4F SM OS2 G657A2 BI FTTH Armoured Drop Optic Fiber Cable- FR PVC |
| AFFCUDL01SA1RS | AFF-100275 | AFNS 1F SM OS2 G657A1 BI FTTH Armoured Drop Optic Fiber Cable–LSZH |
| AFFCUDL02SA1RS | AFF-100276 | AFNS 2F SM OS2 G657A1 BI FTTH Armoured Drop Optic Fiber Cable–LSZH |
| AFFCUDL04SA1RS | AFF-100277 | AFNS 4F SM OS2 G657A1 BI FTTH Armoured Drop Optic Fiber Cable–LSZH |
| AFFCUDP01SA1RS | AFF-100278 | AFNS 1F SM OS2 G657A1 BI FTTH Armoured Drop Optic Fiber Cable–FR PVC |
| AFFCUDP02SA1RS | AFF-100279 | AFNS 2F SM OS2 G657A1 BI FTTH Armoured Drop Optic Fiber Cable- FR PVC |
| AFFCUDP04SA1RS | AFF-100280 | AFNS 4F SM OS2 G657A1 BI FTTH Armoured Drop Optic Fiber Cable- FR PVC |

**OPTICAL FIBER SOLUTIONS**

# CONNECTORS & ADAPTERS

## AFNS Fiber Optic SC Connector

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and IEC standards
- Available in single mode  & multimode fiber types

- Available in SC UPC and SC APC types
- Low insertion loss: SM <0.15dB typical loss MM <0.34dB typical loss
- Available in short boot and long boot variants
- Available in 900um, 2mm & 3mm boots
- Easy to assemble
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFNRSSU91B | AFF-100281 | SC Singlemode UPC Connector 0.9mm Standard Boot – Blue |
| AFFNRSSU21B | AFF-100282 | SC Singlemode UPC Connector 2mm Standard Boot – Blue |
| AFFNRSSU31B | AFF-100283 | SC Singlemode UPC Connector 3mm Standard Boot – Blue |
| AFFNRSSA91G | AFF-100284 | SC Singlemode APC Connector 0.9mm Standard Boot – Green |
| AFFNRSSA21G | AFF-100285 | SC Singlemode APC Connector 2mm Standard Boot – Green |
| AFFNRSSA31G | AFF-100286 | SC Singlemode APC Connector 3mm Standard Boot – Green |
| AFFNRSMU91E | AFF-100287 | SC Multimode UPC Connector 0.9mm Standard Boot – Beige |
| AFFNRSMU21E | AFF-100288 | SC Multimode UPC Connector 2mm Standard Boot – Beige |
| AFFNRSMU31E | AFF-100289 | SC Multimode UPC Connector 3mm Standard Boot – Beige |
| AFFNRSMU91A | AFF-100290 | SC Multimode UPC Connector 0.9mm Standard Boot – Aqua |
| AFFNRSMU21A | AFF-100291 | SC Multimode UPC Connector 2mm Standard Boot – Aqua |
| AFFNRSMU31A | AFF-100292 | SC Multimode UPC Connector 3mm Standard Boot – Aqua |
| AFFNRSMU91V | AFF-100293 | SC Multimode UPC Connector 0.9mm Standard Boot – Erica Violet |
| AFFNRSMU21V | AFF-100294 | SC Multimode UPC Connector  2mm Standard Boot – Erica Violet |
| AFFNRSMU31V | AFF-100295 | SC Multimode UPC Connector  3mm Standard Boot – Erica Violet |

**OPTICAL FIBER SOLUTIONS**

## NOTES

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# CONNECTORS & ADAPTERS

## AFNS Fiber Optic LC Connector

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and IEC standards
•Small form factor connector
•Available in single mode  & multimode
•Available in Simplex & Duplex Type
•Available in LC UPC and LC APC types
•Low insertion loss: SM <0.15dB typical loss, MM <0.30dB typical loss
•Available in short boot and long boot  variants
•Available in 900um, 2mm & 3mm boots
•RoHS Compliant
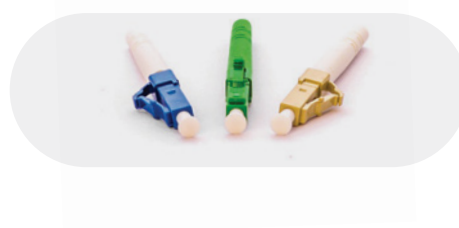
### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFNRLSU91B | AFF-100281 | LC Singlemode UPC Simplex Connector 0.9mm Standard Boot - Blue |
| AFFNRLSU21B | AFF-100282 | LC Singlemode UPC Simplex Connector 2mm Standard Boot - Blue |
| AFFNRLSU31B | AFF-100283 | LC Singlemode UPC Simplex Connector 3mm Standard Boot - Blue |
| AFFNRLSA91G | AFF-100284 | LC Singlemode APC Simplex Connector 0.9mm Standard Boot - Green |
| AFFNRLSA21G | AFF-100285 | LC Singlemode APC Simplex Connector 2mm Standard Boot - Green |
| AFFNRLSA31G | AFF-100286 | LC Singlemode APC Simplex Connector 3mm Standard Boot - Green |
| AFFNRLMU91E | AFF-100287 | LC Multimode UPC Simplex Connector 0.9mm Standard Boot - Beige |
| AFFNRLMU21E | AFF-100288 | LC Multimode UPC Simplex Connector 2mm Standard Boot - Beige |
| AFFNRLMU31E | AFF-100289 | LC Multimode UPC Simplex Connector 3mm Standard Boot - Beige |
| AFFNRLMU91A | AFF-100290 | LC Multimode UPC Simplex Connector 0.9mm Standard Boot - Aqua |
| AFFNRLMU21A | AFF-100291 | LC Multimode UPC Simplex Connector 2mm Standard Boot - Aqua |
| AFFNRLMU31A | AFF-100292 | LC Multimode UPC Simplex Connector 3mm Standard Boot - Aqua |
| AFFNRLMU91V | AFF-100293 | LC Multimode UPC Simplex Connector 0.9mm Standard Boot – Erica Violet |
| AFFNRLMU21V | AFF-100294 | LC Multimode UPC Simplex Connector  2mm Standard Boot – Erica Violet |
| AFFNRLMU31V | AFF-100295 | LC Multimode UPC Simplex Connector  3mm Standard Boot – Erica Violet |

Note: LC Connectors are also available in Duplex type with clips.

## NOTES

**OPTICAL FIBER SOLUTIONS**

# CONNECTORS & ADAPTERS

**Amphenol FCi**

## AFNS Fiber Optic SC & LC Field Connector

• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D and IEC standards
• For quick and easy installation at site

• Available in single mode & multimode fiber types
• Available in SC UPC, SC APC and small form factor LC UPC and LC APC type.
• Available in short boot and long boot
• Available in simplex type
• Available in 900um & 250um boot
• Low tooling – only strip and cleaving tool required at site for installation
• Easy to assemble
• RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFNRSSU91B-F | AFF-100296 | SC Singlemode UPC Field Connector 900µm Boot - Blue |
| AFFNRSSU21B-F | AFF-100297 | SC Singlemode UPC Field Connector 250µm Boot - Blue |
| AFFNRSSU31B-F | AFF-100298 | SC Singlemode APC Field Connector 900µm Boot - Green |
| AFFNRSSA91G-F | AFF-100299 | SC Singlemode APC Field Connector 250µm Boot - Green |
| AFFNRSMA21G-F | AFF-100300 | SC Multimode UPC Field Connector 900µm Boot - Aqua |
| AFFNRSMA31G-F | AFF-100301 | SC Multimode UPC Field Connector 250µm Boot - Aqua |
| AFFNRLSU91B-F | AFF-100302 | LC Singlemode UPC Field Connector 900µm Boot - Blue |
| AFFNRLSU21B-F | AFF-100303 | LC Singlemode UPC Field Connector 250µm Boot - Blue |
| AFFNRLSU31B-F | AFF-100304 | LC Singlemode APC Field Connector 900µm Boot - Green |
| AFFNRLSA91G-F | AFF-100305 | LC Singlemode APC Field Connector 250µm Boot - Green |
| AFFNRLMA21G-F | AFF-100306 | LC Multimode UPC Field Connector 900µm Boot - Aqua |
| AFFNRLMA31G-F | AFF-100307 | LC Multimode UPC Field Connector 250µm Boot - Aqua |

**OPTICAL FIBER SOLUTIONS**

## NOTES

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# CONNECTORS & ADAPTERS

## SC & LC Adapters

• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D and IEC standards
• Available in single mode & multimode fiber types

• Available in Simplex and Duplex types
• LC adapters are also available in Quad type
• Available in Zirconia for SM Adapters and Phosphorous Bronze for MM Adapters
• Features snap and flange mount
• RoHS Compliant

## Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFAD-SCPSDSB | AFF-100308 | SC/SC Duplex Singlemode Snap Mount Type Adapter – Blue |
| AFFAD-SCPSDFB | AFF-100309 | SC/SC Duplex Singlemode Flange Mount Type Adapter – Blue |
| AFFAD-SCPMDSE | AFF-100310 | SC/SC Duplex Multimode Snap Mount Type Adapter – Beige |
| AFFAD-SCPMDFE | AFF-100311 | SC/SC Duplex Multimode Flange Mount Type Adapter – Beige |
| AFFAD-SCPMDSA | AFF-100312 | SC/SC Duplex Multimode Snap Mount Type Adapter – Aqua |
| AFFAD-SCPMDFA | AFF-100313 | SC/SC Duplex Multimode Flange Mount Type Adapter – Aqua |
| AFFAD-SCPMDSV | AFF-100314 | SC/SC Duplex Multimode Snap Mount Type Adapter – Erica Violet |
| AFFAD-SCPMDSV | AFF-100315 | SC/SC Duplex Multimode Flange Mount Type Adapter – Erica Violet |
| AFFAD-LCPSDSB | AFF-100316 | LC/LC Duplex Singlemode Snap Mount Type Adapter – Blue |
| AFFAD-LCPSDFB | AFF-100317 | LC/LC Duplex Singlemode Flange Mount Type Adapter – Blue |
| AFFAD-LCPMDSE | AFF-100318 | LC/LC Duplex Multimode Snap Mount Type Adapter – Beige |
| AFFAD-LCPMDFE | AFF-100319 | LC/LC Duplex Multimode Flange Mount Type Adapter – Beige |
| AFFAD-LCPMDSA | AFF-100320 | LC/LC Duplex Multimode Snap Mount Type Adapter – Aqua |
| AFFAD-LCPMDFA | AFF-100321 | LC/LC Duplex Multimode Flange Mount Type Adapter – Aqua |
| AFFAD-LCPMDSV | AFF-100322 | LC/LC Duplex Multimode Snap Mount Type Adapter – Erica Violet |
| AFFAD-LCPMDSV | AFF-100323 | LC/LC Duplex Multimode Flange Mount Type Adapter – Erica Violet |
| AFFAD-LCPSQSB | AFF-100324 | LC/LC Quad Singlemode Snap Mount Type Adapter – Blue |
| AFFAD-LCPSQFB | AFF-100325 | LC/LC Quad Singlemode Flange Mount Type Adapter – Blue |
| AFFAD-LCPMQSE | AFF-100326 | LC/LC Quad Multimode Snap Mount Type Adapter – Beige |
| AFFAD-LCPMQFE | AFF-100327 | LC/LC Quad Multimode Flange Mount Type Adapter – Beige |
| AFFAD-LCPMQSA | AFF-100328 | LC/LC Quad Multimode Snap Mount Type Adapter – Aqua |
| AFFAD-LCPMQFA | AFF-100329 | LC/LC Quad Multimode Flange Mount Type Adapter – Aqua |
| AFFAD-LCPMQSV | AFF-100330 | LC/LC Quad Multimode Snap Mount Type Adapter – Erica Violet |
| AFFAD-LCPMQSV | AFF-100331 | LC/LC Quad Multimode Flange Mount Type Adapter – Erica Violet |

**OPTICAL FIBER SOLUTIONS**

# CONNECTORS & ADAPTERS

## SC/APC & LC/APC Adapters

• Meets and exceeds transmission performance as per the require-
ments of ANSI/TIA-568.3-D  and IEC standards
• Available in single mode  & multimode fiber types
• Available in Simplex and Duplex types
• Available in Zirconia for SM Adapters and Phosphorous Bronze for
MM Adapters
• Features snap and flange mount
• RoHS Compliant
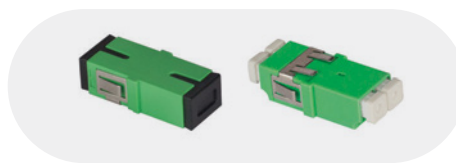
### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFAD-SCASDSG | AFF-100332 | SCA/SCA Duplex Singlemode Snap Mount Type Adapter – Green |
| AFFAD-SCASDFB | AFF-100333 | SCA/SCA Duplex Singlemode Flange Mount Type Adapter – Green |
| AFFAD-SCASSSE | AFF-100334 | SCA/SCA Simplex Singlemode Snap Mount Type Adapter – Green |
| AFFAD-SCASSFE | AFF-100335 | SCA/SCA Simplex Singlemode Flange Mount Type Adapter – Green |
| AFFAD-LCASDSG | AFF-100336 | LCA/LCA Duplex Singlemode Snap Mount Type Adapter – Green |
| AFFAD-LCASDFB | AFF-100337 | LCA/LCA Duplex Singlemode Flange Mount Type Adapter – Green |
| AFFAD-LCASSSE | AFF-100338 | LCA/LCA Simplex Singlemode Snap Mount Type Adapter – Green |
| AFFAD-LCASSFE | AFF-100339 | LCA/LCA Simplex Singlemode Flange Mount Type Adapter – Green |
| AFFAD-LCASQSG | AFF-100340 | LCA/LCA Quad Singlemode Snap Mount Type Adapter – Green |
| AFFAD-LCASQFB | AFF-100341 | LCA/LCA Quad Singlemode Flange Mount Type Adapter – Green |

## NOTES

**OPTICAL FIBER SOLUTIONS**

# FIBER OPTIC PATCH PANEL

## Rack Mount Panel – Sliding Drawer Type – 1U

AFNS provides an extensive range of fiber optic patch panels. All rack mount panels are fully compatible with whole range of industry standard fiber optic adapters and connectors. These panels deliver high performance and stability. All panel products are manufactured to exceed customer satisfaction with highest standards of quality

- Constructed of high quality cold rolled closed annealed steel (CRCA) with electrostatically applied powder coat
- Rugged steel construction
- Available in Black or Grey Body
- Sliding panel fits in 1U of rack space and can be mounted on 19" racks
- Smooth sliding tray ensures ease of installation, reconfiguration and better operating environment during fiber management
- Loaded with splice tray
- Rear access for incoming and outgoing backbone cables
- Available in unloaded type panels or loaded panels with multimode and single mode adapters – 24F with SC type adapters and 48F with LC type adapters and pigtails
- FC, ST, E2000 type adapter panels are available on request
- RoHS compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF1UST2B24SCDL | AFF-100342 | 24F 1U Rack Mount Sliding Type Panel loaded with SC Duplex SM Adapters & Pigtails - Black |
| AFF1UST2B24SCASL | AFF-100343 | 24F 1U Rack Mount Sliding Type Panel loaded with SCAPC Simplex SM Adapters & Pigtails- Black |
| AFF1UST2B24SC3DL | AFF-100344 | 24F 1U Rack Mount Sliding Type Panel loaded with SC Duplex MM OM3 Adapters & Pigtails - Black |
| AFF1UST2B24SC4DL | AFF-100345 | 24F 1U Rack Mount Sliding Type Panel loaded with SC Duplex MM OM4 Adapters & Pigtails - Black |
| AFF1UST2B24SC5DL | AFF-100346 | 24F 1U Rack Mount Sliding Type Panel loaded with SC Duplex MM OM5 Adapters & Pigtails - Black |
| AFF1UST2B48LCDL | AFF-100347 | 48F 1U Rack Mount Sliding Type Panel loaded with LC Duplex SM Adapters & Pigtails - Black |
| AFF1UST2B48LCASL | AFF-100348 | 48F 1U Rack Mount Sliding Type Panel loaded with LCAPC Simplex SM Adapters & Pigtails - Black |
| AFF1UST2B48LC3DL | AFF-100349 | 48F 1U Rack Mount Sliding Type Panel loaded with LC Duplex MM OM3 Adapters & Pigtails –Black |
| AFF1UST2B48LC4DL | AFF-100350 | 48F 1U Rack Mount Sliding Type Panel loaded with LC Duplex MM OM4 Adapters & Pigtails - Black |
| AFF1UST2B48LC5DL | AFF-100351 | 48F 1U Rack Mount Sliding Type Panel loaded with LC Duplex MM OM5 Adapters & Pigtails - Black |

## NOTES

OPTICAL FIBER SOLUTIONS

# FIBER OPTIC PATCH PANEL

## Rack Mount Panel – Sliding Drawer Type – 2U

AFNS provides an extensive range of fiber optic patch panels. All rack mount panels are fully compatible with whole range of industry standard fiber optic adapters and connectors. These panels deliver high performance and stability. All panel products are manufactured to exceed customer satisfaction with highest standards of quality
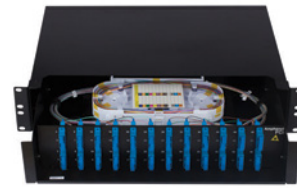
- Constructed of high quality cold rolled closed annealed steel (CRCA) with electrostatically applied powder coat
- Rugged steel construction
- Available in Black or Grey Body
- Sliding panel fits in 2U of rack space and can be mounted on 19" racks
- Smooth sliding tray ensures ease of installation, reconfiguration and better operating environment during fiber management
- Loaded with splice tray
- Rear access for incoming and outgoing backbone cables
- Available in unloaded type panels or loaded panels with multimode and single mode adapters – 48F with SC type adapters and 96F with LC type adapters and pigtails
- FC, ST, E2000 type adapter panels are available on request
- RoHS compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF2UST2B48SCDL | AFF-100352 | 48F 2U Rack Mount Sliding Type Panel loaded with SC Duplex SM Adapters & Pigtails - Black |
| AFF2UST2B48SCASL | AFF-100353 | 48F 2U Rack Mount Sliding Type Panel loaded with SCA Simplex SM Adapters & Pigtails- Black |
| AFF2UST2B48SC3DL | AFF-100354 | 48F 2U Rack Mount Sliding Type Panel loaded with SC Duplex MM OM3 Adapters & Pigtails - Black |
| AFF2UST2B48SC4DL | AFF-100355 | 48F 2U Rack Mount Sliding Type Panel loaded with SC Duplex MM OM4 Adapters & Pigtails - Black |
| AFF2UST2B48SC5DL | AFF-100356 | 48F 2U Rack Mount Sliding Type Panel loaded with SC Duplex MM OM5 Adapters & Pigtails - Black |
| AFF2UST2B96LCDL | AFF-100357 | 96F 2U Rack Mount Sliding Type Panel loaded with LC Duplex SM Adapters & Pigtails - Black |
| AFF2UST2B96LCASL | AFF-100358 | 96F 2U Rack Mount Sliding Type Panel loaded with LCA Simplex SM Adapters & Pigtails - Black |
| AFF2UST2B96LC3DL | AFF-100359 | 96F 2U Rack Mount Sliding Type Panel loaded with LC Duplex MM OM3 Adapters & Pigtails –Black |
| AFF2UST2B96LC4DL | AFF-100360 | 96F 2U Rack Mount Sliding Type Panel loaded with LC Duplex MM OM4 Adapters & Pigtails - Black |
| AFF2UST2B96LC5DL | AFF-100361 | 96F 2U Rack Mount Sliding Type Panel loaded with LC Duplex MM OM5 Adapters & Pigtails - Black |

Rack mount sliding panels with 4U, 6U heights are also available in above specification

## NOTES

OPTICAL FIBER SOLUTIONS

# FIBER TERMINATION BOX

## Wall Mount Indoor/Outdoor
## Fiber Terminal Box: 24F

AFNS mini wall mount fiber terminal box (FTB) is designed to provide quick patching, storing fiber terminations. It is also used to mount passive splitters and install fiber in small and medium size multi dwelling units (MDU's) for FTTx application.

- Constructed of high quality polymer synthetic plastic
- Installation: Outdoor and indoor wall mount type
- Mechanical seal for excellent seal performance and reusable
- IP-65 rated
- Single door type which can be flipped over for ease of access and maintenance
- Accommodates all cables below 12mm OD and 3mm OD soft cables
- Available with unloaded and loaded variants
- Accommodates multimode and single mode fibers
- Can accommodate 1*4, 1*8  & 1*16 mini module PLC splitters
- Ample storage for slack
- Can be preloaded with SC, LC adapters and pre-terminated cable assemblies
- Can be used for 1F to 24F
- RoHS compliant

## Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-WP0112XX | AFF-100362 | Wall Mount FTB – Type 1 Unloaded |
| AFF-WP01121A | AFF-100363 | Wall Mount FTB - Loaded with 12F Single Mode SC PC Adapters |
| AFF-WP01122A | AFF-100364 | Wall Mount FTB - Loaded with 12F Single Mode SC APC Adapters |
| AFF-WP01244A | AFF-100365 | Wall Mount FTB - Loaded with 24F Single Mode LC PC Adapters |
| AFF-WP01245A | AFF-100366 | Wall Mount FTB - loaded with 24F Single Mode LC APC Adapters |
| AFF-WP01121L | AFF-100367 | Wall Mount FTB - Loaded with 12F Single Mode SC PC Adapters & Pigtails |
| AFF-WP01122L | AFF-100368 | Wall Mount FTB - Loaded with 12F Single Mode SC APC Adapters & Pigtails |
| AFF-WP01244L | AFF-100369 | Wall Mount FTB - Loaded with 24F Single Mode LC PC Adapters & Pigtails |
| AFF-WP01245L | AFF-100370 | Wall Mount FTB - loaded with 24F Single Mode LC APC Adapters & Pigtails |

**OPTICAL FIBER SOLUTIONS**

## NOTES

# FIBER DISTRIBUTION BOX

## Wall Mount Indoor/Outdoor
## Fiber Distribution Box:  24F

AFNS wall mount fiber distribution box (FDB) is designed to provide quick patching, storing fiber terminations for feeder cables, branch cable, direct connection and allocation. **It is also used to mount passive splitters and install fiber in small and medium size multi dwelling units (MDU's) for FTTx applications.**

• Constructed of high quality polymer synthetic plastic
• Installation: Outdoor and indoor wall mount type
• Mechanical seal for excellent seal performance and reusable
• IP-65 rated
• Single door type which can be flipped over for ease of access and maintenance
• Accommodates all cables below 12mm OD and 3mm OD soft cables
• Available with unloaded and loaded variants
• Accommodates multimode and single mode fibers
• Can accommodate 1*4, 1*8 & 1*16 mini module PLC splitters
• Ample storage for slack
• Can be preloaded with SC, LC adapters and pre-terminated cable assemblies
• Can be used for 1F to 24F
• RoHS compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-WP0212XX | AFF-100371 | Wall Mount FDB – Type 2 Unloaded |
| AFF-WP02121A | AFF-100372 | Wall Mount FDB - Loaded with 12F Single Mode SC PC Adapters |
| AFF-WP02122A | AFF-100373 | Wall Mount FDB - Loaded with 12F Single Mode SC APC Adapters |
| AFF-WP02244A | AFF-100374 | Wall Mount FDB - Loaded with 24F Single Mode LC PC Adapters |
| AFF-WP02245A | AFF-100375 | Wall Mount FDB - loaded with 24F Single Mode LC APC Adapters |
| AFF-WP02121L | AFF-100376 | Wall Mount FDB - Loaded with 12F Single Mode SC PC Adapters & Pigtails |
| AFF-WP02122L | AFF-100377 | Wall Mount FDB - Loaded with 12F Single Mode SC APC Adapters & Pigtails |
| AFF-WP02244L | AFF-100378 | Wall Mount FDB - Loaded with 24F Single Mode LC PC Adapters & Pigtails |
| AFF-WP02245L | AFF-100379 | Wall Mount FDB - loaded with 24F Single Mode LC APC Adapters & Pigtails |

## NOTES

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# FIBER DISTRIBUTION BOX

## Wall Mount Indoor/Outdoor Fiber Distribution Box: 48F

AFNS wall mount fiber distribution box (FDB) is designed to provide quick patching, storing fiber terminations for feeder cables, branch cable, direct connection and allocation. **It is also used to mount passive splitters and install fiber in small and medium size multi dwelling units (MDU's) for FTTx application.**

- Constructed of high quality polymer synthetic plastic
- Installation: Outdoor and indoor wall mount type
- Mechanical seal for excellent seal performance and reusable
- IP-65 rated
- Single door type which can be flipped over for ease of access and maintenance
- Accommodates all cables below 12mm OD and 3mm OD soft cables
- Available with unloaded and loaded variants
- Accommodates multimode and single mode fibers
- Can accommodate 1*8, 1*16 & 1*32 mini module PLC splitters
- Ample storage for slack
- Can be preloaded with SC, LC adapters and pre-terminated cable assemblies
- Can be used for 1F to 48F
- RoHS compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-WP0348XX | AFF-100380 | Wall Mount FDB  Type 3 - Unloaded |
| AFF-WP03481A | AFF-100381 | Wall Mount FDB - Loaded with 48F Single Mode SC PC Simplex Adapters |
| AFF-WP03482A | AFF-100382 | Wall Mount FDB - Loaded with 48F Single Mode SC APC Simplex Adapters |
| AFF-WP03484A | AFF-100383 | Wall Mount FDB - Loaded with 48F Single Mode LC PC Duplex Adapters |
| AFF-WP03485A | AFF-100384 | Wall Mount FDB - loaded with 48F Single Mode LC APC Duplex Adapters |
| AFF-WP03481L | AFF-100385 | Wall Mount FDB - Loaded with 48F Single Mode SC PC Simplex Adapters & Pigtails |
| AFF-WP03482L | AFF-100386 | Wall Mount FDB - Loaded with 48F Single Mode SC APC Simplex Adapters & Pigtails |
| AFF-WP03484L | AFF-100387 | Wall Mount FDB - Loaded with 48F Single Mode LC PC Duplex Adapters & Pigtails |
| AFF-WP03485L | AFF-100388 | Wall Mount FDB - loaded with 48F Single Mode LC APC Duplex Adapters & Pigtails |

**OPTICAL FIBER SOLUTIONS**

# NOTES

# FIBER HOME TERMINATION BOX

## Wall Mount Indoor Home Termination Box (HTB)

**AFNS Fiber Home termination Box (HTB) is designed to be used inside the building for FTTH application.**

•Constructed of high quality  ABS
•Installation : Inside home for  FTTH / FTTB/FTTD applications
•Can be used universally with standard 86x86 splice box.
•Fits for indoor wiring and fast installation
•Holds up to max 2 single fibers
•Integrated fiber management
•Available with unloaded and loaded  variants
•Can be pre-loaded with SC APC SM Adapters &  G657A1 bend insensitive fiber pigtail
•RoHS compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-HB1XX | AFF-100389 | HTB 1F Unloaded |
| AFF-HB122 | AFF-100390 | HTB Loaded with 1F SM SC APC Simplex Adapter & G657A1 Pigtail |
| AFF-HB2XX | AFF-100391 | HTB 2F Unloaded |
| AFF-HB222 | AFF-100392 | HTB Loaded with 2F SM SC APC Simplex Adapter & G657A1 Pigtails |

## NOTES

# FIBER PLC SPLITTERS

## Mini Module PLC Splitter

AFNS provides a complete range of high performance 1×N or 2×N single mode passive power splitter based on Planar Light wave Circuit (PLC) technology. The device uniformly splits the optical signals present at the input ports to multiple output ports. Power splitters can also be used in the reverse direction in order to combine multiple optical signals present at the output ports into the input ports.



- Mini-module PLC splitters are available in 1*N & 2*N split ratio; N=2, 4, 8, 16, 32, 64
- Meets and exceeds performance as per the requirements of Telcordia GR-1221 and GR-1209 standards
- Low insertion loss
- Excellent splitting uniformity
- Low polarization dependency
- High maximum power tolerance
- Available in both pre-connectorised and unconnectorised bare type
- Available in SM SC and LC connector option with 900um tight buffer cable
- 100% tested for mechanical and optical characteristics
- RoHS Compliant

## Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-SPM102XXX9 | AFF-100393 | 1*2 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM104XXX9 | AFF-100394 | 1*4 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM108XXX9 | AFF-100395 | 1*8 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM116XXX9 | AFF-100396 | 1*16 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM132XXX9 | AFF-100397 | 1*32 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM164XXX9 | AFF-100398 | 1*64 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM202XXX9 | AFF-100399 | 2*2 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM204XXX9 | AFF-100400 | 2*4 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM208XXX9 | AFF-100401 | 2*8 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM216XXX9 | AFF-100402 | 2*16 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM232XXX9 | AFF-100403 | 2*32 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM264XXX9 | AFF-100404 | 2*64 PLC Splitter Mini Module type 900µm  without Connector |
| AFF-SPM102SCA9 | AFF-100405 | 1*2 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM104SCA9 | AFF-100406 | 1*4 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM108SCA9 | AFF-100407 | 1*8 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM116SCA9 | AFF-100408 | 1*16 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM132SCA9 | AFF-100409 | 1*32 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM164SCA9 | AFF-100410 | 1*64 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM202SCA9 | AFF-100411 | 2*2 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM204SCA9 | AFF-100412 | 2*4 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM208SCA9 | AFF-100413 | 2*8 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM216SCA9 | AFF-100414 | 2*16 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM232SCA9 | AFF-100415 | 2*32 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |
| AFF-SPM264SCA9 | AFF-100416 | 2*64 PLC Splitter Mini Module type 900µm  with SM SC APC Connector |

Note: Replace SCA with LCA in the above part numbers for LC APC connector PLC Splitter

# FIBER PLC SPLITTERS

## ABS Module PLC Splitter

AFNS provides a complete range of high performance 1×N or 2×N single mode passive power splitter based on Planar Light wave Circuit (PLC) technology. The device uniformly splits the optical signals present at the input ports to multiple output ports. Power splitters can also be used in the reverse direction in order to combine multiple optical signals present at the output ports into the input ports.

- ABS module  PLC splitters are available in 1*N & 2*N split ratio; N=2, 4, 8, 16, 32, 64
- Meets and exceeds performance as per the requirements of Telcordia GR-1221 and GR-1209 standards
- Low insertion loss
- Excellent splitting uniformity
- Low polarization dependency
- High maximum power tolerance
- Available in both pre-connectorised and unconnectorised bare type
- Available in SM SC and LC connector option with 900um tight buffer cable
- 100% tested for mechanical and optical characteristics
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-SPA102XXX9 | AFF-100417 | 1*2 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA104XXX9 | AFF-100418 | 1*4 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA108XXX9 | AFF-100419 | 1*8 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA116XXX9 | AFF-100420 | 1*16 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA132XXX9 | AFF-100421 | 1*32 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA164XXX9 | AFF-100422 | 1*64 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA202XXX9 | AFF-100423 | 2*2 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA204XXX9 | AFF-100424 | 2*4 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA208XXX9 | AFF-100425 | 2*8 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA216XXX9 | AFF-100426 | 2*16 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA232XXX9 | AFF-100427 | 2*32 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA264XXX9 | AFF-100428 | 2*64 PLC Splitter ABS Module type 900µm  without Connector |
| AFF-SPA102SCA9 | AFF-100429 | 1*2 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA104SCA9 | AFF-100430 | 1*4 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA108SCA9 | AFF-100431 | 1*8 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA116SCA9 | AFF-100432 | 1*16 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA132SCA9 | AFF-100433 | 1*32 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA164SCA9 | AFF-100434 | 1*64 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA202SCA9 | AFF-100435 | 2*2 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA204SCA9 | AFF-100436 | 2*4 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA208SCA9 | AFF-100437 | 2*8 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA216SCA9 | AFF-100438 | 2*16 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA232SCA9 | AFF-100439 | 2*32 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |
| AFF-SPA264SCA9 | AFF-100440 | 2*64 PLC Splitter ABS Module type 900µm  with SM SC APC Connector |

Note: Replace SCA with LCA in the above part numbers for LC APC connector PLC Splitter

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# FIBER PLC SPLITTER

## LGX Cassette Module PLC Splitter

AFNS provides a complete range of high performance 1×N or 2×N single mode passive power splitter based on Planar Light wave Circuit (PLC) technology. The device uniformly splits the optical signals present at the input ports to multiple output ports. Power splitters can also be used in the reverse direction in order to combine multiple optical signals present at the output ports into the input ports.

• LGX cassette module  PLC splitters are available in 1*N & 2*N split ratio; N=2, 4, 8, 16, 32, 64
• Meets and exceeds performance as per the requirements of Telcordia GR-1221 and GR-1209 standards
• Low insertion loss
• Excellent splitting uniformity
• Low polarization dependency
• High maximum power tolerance
• Available in SM SC and LC Adapters
• 100% tested for mechanical and optical characteristics
• RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-SPC102SCA9P | AFF-100441 | 1*2 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC104SCA9P | AFF-100442 | 1*4 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC108SCA9P | AFF-100443 | 1*8 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC116SCA9P | AFF-100444 | 1*16 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC132SCA9P | AFF-100445 | 1*32 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC164SCA9P | AFF-100446 | 1*64 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC202SCA9P | AFF-100447 | 2*2 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC204SCA9P | AFF-100448 | 2*4 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC208SCA9P | AFF-100449 | 2*8 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC216SCA9P | AFF-100450 | 2*16 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC232SCA9P | AFF-100451 | 2*32 PLC Splitter LGX Cassette Module with SM SC APC |
| AFF-SPC264SCA9P | AFF-100452 | 2*64 PLC Splitter LGX Cassette Module with SM SC APC |

Note: Replace SCA with LCA in the above part numbers for LC APC connector PLC Splitter

## NOTES

# FIBER PLC SPLITTER

## Rack Mount Panel PLC Splitter

AFNS provides a complete range of high performance 1×N or 2×N single mode passive power splitter based on Planar Light wave Circuit (PLC) technology. The device uniformly splits the optical signals present at the input ports to multiple output ports. Power splitters can also be used in the reverse direction in order to combine multiple optical signals present at the output ports into the input ports.

- Rack mount panel PLC splitters are available in 1*N & 2*N split ratio; N=2, 4, 8, 16, 32, 64
- Meets and exceeds performance as per the requirements of Telcordia GR-1221 and GR-1209 standards
- Available in 1U and 2U
- Low insertion loss
- Excellent splitting uniformity
- Low polarization dependency
- High maximum power tolerance
- Available in SM SC and LC Adapters
- 100% tested for mechanical and optical characteristics
- RoHS Compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-SPR102SCA3 | AFF-100453 | 1*2 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR104SCA3 | AFF-100454 | 1*4 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR108SCA3 | AFF-100455 | 1*8 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR116SCA3 | AFF-100456 | 1*16 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR132SCA3 | AFF-100457 | 1*32 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR164SCA3 | AFF-100458 | 1*64 PLC Splitter 2U Rack mount panel with SM SC APC |
| AFF-SPR202SCA3 | AFF-100459 | 2*2 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR204SCA3 | AFF-100460 | 2*4 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR208SCA3 | AFF-100461 | 2*8 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR216SCA3 | AFF-100462 | 2*16 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR232SCA3 | AFF-100463 | 2*32 PLC Splitter 1U Rack mount panel with SM SC APC |
| AFF-SPR264SCA3 | AFF-100464 | 2*64 PLC Splitter 2U Rack mount panel with SM SC APC |

Note: Replace SCA with LCA in the above part numbers for LC APC connector PLC Splitter

## NOTES

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# FIBER CABLE ASSEMBLIES

## Optical Fiber Pigtails – Standard Type

**AFNS provides a complete range of high performance fiber pigtails with advanced manufacturing process.**

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and IEC standards
•Available in single mode 9/125um OS2  & multimode 50/125um OM2, OM3, OM4 & OM5 fiber types
•Available in simplex & duplex type
•Available in variety of connector configurations
•Precision ferrule end face geometry
•Factory polished and tested as per industry standards
•Low insertion loss
•Available in short boot and long boot  variants
•Available in 900um, 2mm & 3mm cables
•100% tested for mechanical and optical characteristics
•RoHS Compliant
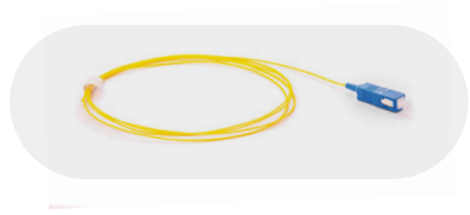
### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFS2SX20P121.5M | AFF-100495 | SC SM OS2 900µm  Simplex Pigtail –1.5m |
| AFFS2SX70P121.5M | AFF-100496 | LC SM OS2 900µm  Simplex Pigtail –1.5m |
| AFFM2SX20P121.5M | AFF-100497 | SC MM OM2 900µm  Simplex Pigtail –1.5m |
| AFFM2SX70P121.5M | AFF-100498 | LC MM OM2 900µm  Simplex Pigtail –1.5m |
| AFFM3SX20P121.5M | AFF-100499 | SC MM OM3 900µm  Simplex Pigtail –1.5m |
| AFFM3SX70P121.5M | AFF-100500 | LC MM OM3 900µm  Simplex Pigtail –1.5m |
| AFFM4SX20P121.5M | AFF-100501 | SC MM OM4 900µm  Simplex Pigtail –1.5m |
| AFFM4SX70P121.5M | AFF-100502 | LC MM OM4 900µm  Simplex Pigtail –1.5m |
| AFFM5SX20P121.5M | AFF-100503 | SC MM OM5 900µm  Simplex Pigtail –1.5m |
| AFFM5SX70P121.5M | AFF-100504 | LC MM OM5 900µm  Simplex Pigtail –1.5m |

**OPTICAL FIBER SOLUTIONS**

## NOTES

# FIBER CABLE ASSEMBLIES

**Amphenol FCi**

## Optical Fiber Patch Cords – Standard Type

**AFNS provides a complete range of high performance fiber cable assemblies with advanced manufacturing process.**

•Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D  and IEC standards
•Available in single mode 9/125um OS2
& multimode 50/125um OM2, OM3, OM4 & OM5 fiber types
•Available in simplex & duplex type
•Available in G657A bend insensitive fiber type
•Available in variety of connector configurations
•Available in standard and custom cable assemblies
•Precision ferrule end face geometry
•Factory polished and tested as per industry standards
•Low insertion loss
•Available in short boot and long boot  variants
•Available in 900um, 2mm & 3mm cables
•Available in different jacket materials like LSZH, PVC, OFNR, OFNP, others
•Available in zip cables, flat and round cable types
•100% tested for mechanical and optical characteristics
•RoHS Compliant

## Ordering Information

### PART NUMBER SCHEME–STANDARD PATCHCORDS

| 0 | F | XX | XX | X | X | X | X | X | XX | X |

**TYPE**

| 1 | Piece Part |
|---|---|
| 0 | FG |

**Fiber Optic**

**Length(Unit)**

| C | Centimeter |
|---|---|
| M | Meter |

| Cable Length(M) | Cable length(CM) |
|---|---|
| STEP SIZE 1M | STEP SIZE 10CM |
| 01 to 99 | 20 to 90 |

**Fiber Type**

| S1 | Single Mode(G652D) |
|---|---|
| S2 | Single Mode(G657A) |
| S3 | Single mode(G655) |
| M1 | Multimode (OM1) |
| M2 | Multimode(OM2) |
| M3 | Multimode(OM3) |
| M4 | Multimode(OM4) |

**Jacket Material**

| 1 | PVC |
|---|---|
| 2 | OFNR |
| 3 | OFNP |
| 4 | LSZH |
| 5 | UL OFNR |
| 6 | UL OFNR |
| 7 | Custom |

| END–A | END–B |
|---|---|
| **Connector Type** | |
| 0 | No Connector |
| 1 | FC |
| 2 | SC |
| 3 | MTRJ Female |
| 4 | ST |
| 5 | SMA |
| 6 | MU |
| 7 | LC |
| 8 | MTRJ Male |
| 9 | E2000 |

**BOOT SIZE**

| 1 | 0.9mm Buffer |
|---|---|
| 2 | 1.6mm Buffer |
| 3 | 1.8mm Buffer |
| 4 | 2mm Buffer |
| 5 | 3mm Buffer |

**Cable type**

| SX | Simplex |
|---|---|
| DF | Duplex(Flat) |
| DZ | Duplex(Zipcord ) |
| DR | Duplex(Round ) |

**POLISH TYPE**

| P | PC Finish |
|---|---|
| U | UPC Finish |
| A | APC Finish |
| H | Hybrid(1st is APC) |

In the above part No. scheme substitute the given code No, or letter to arrive at the cable assembly ordering part number

# FIBER CABLE ASSEMBLIES

## Optical Fiber Patch Cords – Standard Type

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFS2DZ22P44001M | AFF-100465 | SC-SC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFS2DZ22P44003M | AFF-100466 | SC-SC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFS2DZ22P44005M | AFF-100467 | SC-SC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFS2DZ22P44010M | AFF-100468 | SC-SC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFS2DZ22P44020M | AFF-100469 | SC-SC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 20m |
| AFFS2DZ27P44001M | AFF-100470 | SC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFS2DZ27P44003M | AFF-100471 | SC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFS2DZ27P44005M | AFF-100472 | SC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFS2DZ27P44010M | AFF-100473 | SC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFS2DZ27P44020M | AFF-100474 | SC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 20m |
| AFFS2DZ77P44001M | AFF-100475 | LC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFS2DZ77P44003M | AFF-100476 | LC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFS2DZ77P44005M | AFF-100477 | LC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFS2DZ77P44010M | AFF-100478 | LC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFS2DZ77P44020M | AFF-100479 | LC-LC SM OS2 Duplex 2mm  LSZH OF Patch Cord – 20m |
| | | |
| AFFM3DZ22P44001M | AFF-100480 | SC-SC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFM3DZ22P44003M | AFF-100481 | SC-SC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFM3DZ22P44005M | AFF-100482 | SC-SC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFM3DZ22P44010M | AFF-100483 | SC-SC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFM3DZ22P44020M | AFF-100484 | SC-SC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 20m |
| AFFM3DZ27P44001M | AFF-100485 | SC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFM3DZ27P44003M | AFF-100486 | SC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFM3DZ27P44005M | AFF-100487 | SC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFM3DZ27P44010M | AFF-100488 | SC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFM3DZ27P44020M | AFF-100489 | SC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 20m |
| AFFM3DZ77P44001M | AFF-100490 | LC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFM3DZ77P44003M | AFF-100491 | LC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFM3DZ77P44005M | AFF-100492 | LC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFM3DZ77P44010M | AFF-100493 | LC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFM3DZ77P44020M | AFF-100494 | LC-LC MM OM3 Duplex 2mm  LSZH OF Patch Cord – 20m |
| | | |
| AFFM4DZ22P44001M | AFF-100480 | SC-SC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFM4DZ22P44003M | AFF-100481 | SC-SC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFM4DZ22P44005M | AFF-100482 | SC-SC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFM4DZ22P44010M | AFF-100483 | SC-SC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFM4DZ22P44020M | AFF-100484 | SC-SC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 20m |
| AFFM4DZ27P44001M | AFF-100485 | SC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFM4DZ27P44003M | AFF-100486 | SC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFM4DZ27P44005M | AFF-100487 | SC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFM4DZ27P44010M | AFF-100488 | SC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFM4DZ27P44020M | AFF-100489 | SC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 20m |
| AFFM4DZ77P44001M | AFF-100490 | LC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 1m |
| AFFM4DZ77P44003M | AFF-100491 | LC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 3m |
| AFFM4DZ77P44005M | AFF-100492 | LC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 5m |
| AFFM4DZ77P44010M | AFF-100493 | LC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 10m |
| AFFM4DZ77P44020M | AFF-100494 | LC-LC MM OM4 Duplex 2mm  LSZH OF Patch Cord – 20m |

OPTICAL FIBER SOLUTIONS

RoHS

For more information,
Pls contact: customersupport.AFNS@fci.com

# DIN RAIL TYPE FIBER PANEL

## Mini DIN Rail Type 1

AFNS mini DIN rail type1 fiber optic panel are designed to support and secure fiber terminations in industrial and building automation applications.

- Constructed of high quality  cold rolled closed annealed steel (CRCA) with electrostatically applied powder coat
- Rugged steel construction
- Available in black or grey body
- Suitable for DIN rail mount
- Loaded with splice tray
- Top and bottom access for incoming and outgoing backbone cables
- Used to extend fiber runs in remote areas such as manufacturing floors
- Loaded with SC or LC or FC type adapters  with maximum 12 fiber counts
- 100% tested for mechanical and optical characteristics
- RoHS compliant



## Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFDRT1B06SCDL | AFF-100505 | 6F SM SC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12SCDL | AFF-100506 | 12F SM SC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B06SC2DL | AFF-100507 | 6F MM OM2 SC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12SC2DL | AFF-100508 | 12F MM OM2 SC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B06SC3DL | AFF-100509 | 6F MM OM3 SC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12SC3DL | AFF-100510 | 12F MM OM3 SC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B06LCDL | AFF-100511 | 6F SM LC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12LCDL | AFF-100512 | 12F SM LC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B06LC2DL | AFF-100513 | 6F MM OM2 LC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12LC2DL | AFF-100514 | 12F MM OM2 LC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B06LC3DL | AFF-100515 | 6F MM OM3 LC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12LC3DL | AFF-100516 | 12F MM OM3 LC Duplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B06FCSL | AFF-100517 | 6F SM FC Simplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12FCSL | AFF-100518 | 12F SM FC Simplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B06FC2SL | AFF-100519 | 6F MM OM2 FC Simplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12FC2SL | AFF-100520 | 12F MM OM2 FC Simplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B06FC3SL | AFF-100521 | 6F MM OM3 FC Simplex Mini DIN Rail Type 1 Panel – Loaded |
| AFFDRT1B12FC3SL | AFF-100522 | 12F MM OM3 FC Simplex Mini DIN Rail Type 1 Panel – Loaded |

# DIN RAIL TYPE FIBER PANEL

## Mini DIN Rail Type 2

AFNS mini DIN rail type2 fiber optic panel are designed to support and secure fiber terminations in industrial and building automation applications.

- Constructed of high quality cold rolled closed annealed steel (CRCA) with electrostatically applied powder coat
- Rugged steel construction
- Available in black or grey body
- Suitable for DIN rail mount
- Loaded with splice tray
- Top and bottom access for incoming and outgoing backbone cables
- Used to extend fiber runs in remote areas such as manufacturing floors
- Loaded with SC or LC or FC type adapters with maximum 24 fiber counts
- 100% tested for mechanical and optical characteristics
- RoHS compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFFDRT1B12SCDL | AFF-100523 | 12F SM SC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24SCDL | AFF-100524 | 24F SM SC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B12SC2DL | AFF-100525 | 12F MM OM2 SC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24SC2DL | AFF-100526 | 24F MM OM2 SC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B12SC3DL | AFF-100527 | 12F MM OM3 SC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24SC3DL | AFF-100528 | 24F MM OM3 SC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B12LCDL | AFF-100529 | 12F SM LC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24LCDL | AFF-100530 | 24F SM LC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B12LC2DL | AFF-100531 | 12F MM OM2 LC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24LC2DL | AFF-100532 | 24F MM OM2 LC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B12LC3DL | AFF-100533 | 12F MM OM3 LC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24LC3DL | AFF-100534 | 24F MM OM3 LC Duplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B12FCSL | AFF-100535 | 12F SM FC Simplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24FCSL | AFF-100536 | 24F SM FC Simplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B12FC2SL | AFF-100537 | 12F MM OM2 FC Simplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24FC2SL | AFF-100538 | 24F MM OM2 FC Simplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B12FC3SL | AFF-100539 | 12F MM OM3 FC Simplex Mini DIN Rail Type 2 Panel – Loaded |
| AFFDRT1B24FC3SL | AFF-100540 | 24F MM OM3 FC Simplex Mini DIN Rail Type 2 Panel – Loaded |

**OPTICAL FIBER SOLUTIONS**

# FIBER JOINT SPLICE CLOSURE

## Outdoor Dome Type Closure – Type 1

**AFNS dome splice closures are designed to protect fiber cable splices for various outside plant applications.**

- Capacity 12F-144F; Max 6 trays of 24F/tray
- Mechanical dome type
- Constructed of high quality  modified polymer plastic
- UV and chemical resistant – suitable for underground, aerial and duct mount locations
- Suitable with most cable constructions – loose tube, skeleton, and ribbon type FO cables
- Loaded with splice tray
- IP-68 protection – integrated seal air tight and water tight
- No special tools are required for installation
- Operating temperature: -40°C to +80°C
- 100% tested for mechanical performance
- RoHS compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-JCDS1012FH | AFF-100541 | 12F Dome Fiber Splice Closure- Type 1 |
| AFF-JCDS1024FH | AFF-100542 | 24F Dome Fiber Splice Closure - Type 1 |
| AFF-JCDS1048FH | AFF-100543 | 48F Dome Fiber Splice Closure - Type 1 |
| AFF-JCDS1072FH | AFF-100544 | 72F Dome Fiber Splice Closure - Type 1 |
| AFF-JCDS1096FH | AFF-100545 | 96F Dome Fiber Splice Closure - Type 1 |
| AFF-JCDS1144FH | AFF-100546 | 144F Dome Fiber Splice Closure - Type 1 |

## Outdoor Dome Type Closure – Type 2

**AFNS dome splice closures are designed to protect fiber cable splices for various outside plant applications**

- Capacity 12F-144F Max 6 trays of 24F/tray
- Heat shrinkable dome type
- Constructed of high quality  modified polymer plastic
- UV and chemical resistant – suitable for underground, aerial and duct mount locations
- Suitable with most cable constructions – loose tube, skeleton, and ribbon type FO cables
- Loaded with splice tray
- IP-68 protection – integrated seal air tight and water tight
- No special tools are required for installation
- Operating temperature: -40℃ to +80℃
- 100% tested for mechanical performance
- RoHS compliant

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-JCDH012FE | AFF-100547 | 12F Dome Fiber Splice Closure  - Type 2 |
| AFF-JCDH024FE | AFF-100548 | 24F Dome Fiber Splice Closure - Type 2 |
| AFF-JCDH048FE | AFF-100549 | 48F Dome Fiber Splice Closure - Type 2 |
| AFF-JCDH072FE | AFF-100550 | 72F Dome Fiber Splice Closure  - Type 2 |
| AFF-JCDH096FE | AFF-100551 | 96F Dome Fiber Splice Closure  - Type 2 |
| AFF-JCDH144FE | AFF-100552 | 144F Dome Fiber Splice Closure – Type 2 |

**OPTICAL FIBER SOLUTIONS**

For more information,
Pls contact: **customersupport.AFNS@fci.com**

# ADVANCED MPO FIBER SOLUTIONS

## MPO Rack Mount Solutions

AFNS advanced MPO solutions are designed to support high density plug & play solution and secure fiber terminations for mission critical applications such as Data center and Storage area networks (SAN). It enables fast & economical installations.

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D and IEC standards
- Rack mount 1U Modular panel are available in 3 variants for 3 cassettes, 4 cassettes & High density 6 cassette configurations
- Modular & scalable construction
- Available in both Singlemode and Multimode Fiber types
- Low loss insertion loss (0.50dB insertion loss per cassette for optimized OM3/OM4/OM5 cassettes)
- Cassettes are available in 6F, 12F, 24F LC-MPO/MTP® versions.
- Easy pluggable cassettes fastened by snap latches
- Extended tab available for easy loading/unloading of high density 6 way Cassette.
- 100% tested for mechanical and optical characteristics
- RoHS Compliant

## Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-MCT2-096LC1U | AFF-100553 | 1U 4 way Cassette Modular Panel Type 2 – Unloaded |
| AFF-MCT2-24MLCD0-PX | AFF-100554 | 24F MPO LC Duplex Singlemode OS2 Cassette Type 2 |
| AFF-MCT2-24MLCD3-PX | AFF-100555 | 24F MPO LC Duplex Multimode OM3 Cassette Type 2 |
| AFF-MCT2-24MLCD4-PX | AFF-100556 | 24F MPO LC Duplex Multimode OM4 Cassette Type 2 |
| AFF-MCT2-24MLCD5-PX | AFF-100557 | 24F MPO LC Duplex Multimode OM5 Cassette Type 2 |
| AFF-MCT2-096MLCD0-PX | AFF-100558 | 1U 96F 4 way Cassette Panel Type 2–Loaded with 4*24F SM OS2 MPO LC Cassette |
| AFF-MCT2-096MLCD3-PX | AFF-100559 | 1U 96F 4 way Cassette Panel Type 2–Loaded with 4*24F MM OM3 MPO LC Cassette |
| AFF-MCT2-096MLCD4-PX | AFF-100560 | 1U 96F 4 way Cassette Panel Type 2 – Loaded with 4*24F MM OM4 MPO LC Cassette |
| AFF-MCT2-096MLCD5-PX | AFF-100561 | 1U 96F 4 way Cassette Panel Type 2 – Loaded with 4*24F MM OM5 MPO LC Cassette |

X denotes MPO polarity: Replace X with 'A' for Polarity A, 'B' for Polarity B and 'C' for Polarity C
MTP® Cassette Panel and Cassettes are available on request

## Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-MCT3-144LC1U | AFF-100562 | 1U 6 way Cassette Modular Panel Type 3 – Unloaded |
| AFF-MCT3-24MLCQ0-PX | AFF-100563 | 24F MPO LC Quad Singlemode OS2 Cassette Type 3 |
| AFF-MCT3-24MLCQ3-PX | AFF-100564 | 24F MPO LC Quad Multimode OM3 Cassette Type 3 |
| AFF-MCT3-24MLCQ4-PX | AFF-100565 | 24F MPO LC Quad Multimode OM4 Cassette Type 3 |
| AFF-MCT3-24MLCQ5-PX | AFF-100566 | 24F MPO LC Quad Multimode OM5 Cassette Type 3 |
| AFF-MCT3-144MLCQ0-PX | AFF-100567 | 1U 96F 4 way Cassette Panel Type 3–Loaded with 4*24F SM OS2 MPO LC Cassette |
| AFF-MCT3-144MLCQ3-PX | AFF-100568 | 1U 96F 4 way Cassette Panel Type 3–Loaded with 4*24F MM OM3 MPO LC Cassette |
| AFF-MCT3-144MLCD4-PX | AFF-100569 | 1U 96F 4 way Cassette Panel Type 3–Loaded with 4*24F MM OM4 MPO LC Cassette |
| AFF-MCT3-144MLCD5-PX | AFF-100570 | 1U 96F 4 way Cassette Panel Type 3–Loaded with 4*24F MM OM5 MPO LC Cassette |

X denotes MPO polarity: Replace X with 'A' for Polarity A, 'B' for Polarity B and 'C' for Polarity C
MTP® Cassette Panel and Cassettes are available on request

# MPO PRE-TERMINATED CABLE ASSEMBLIES
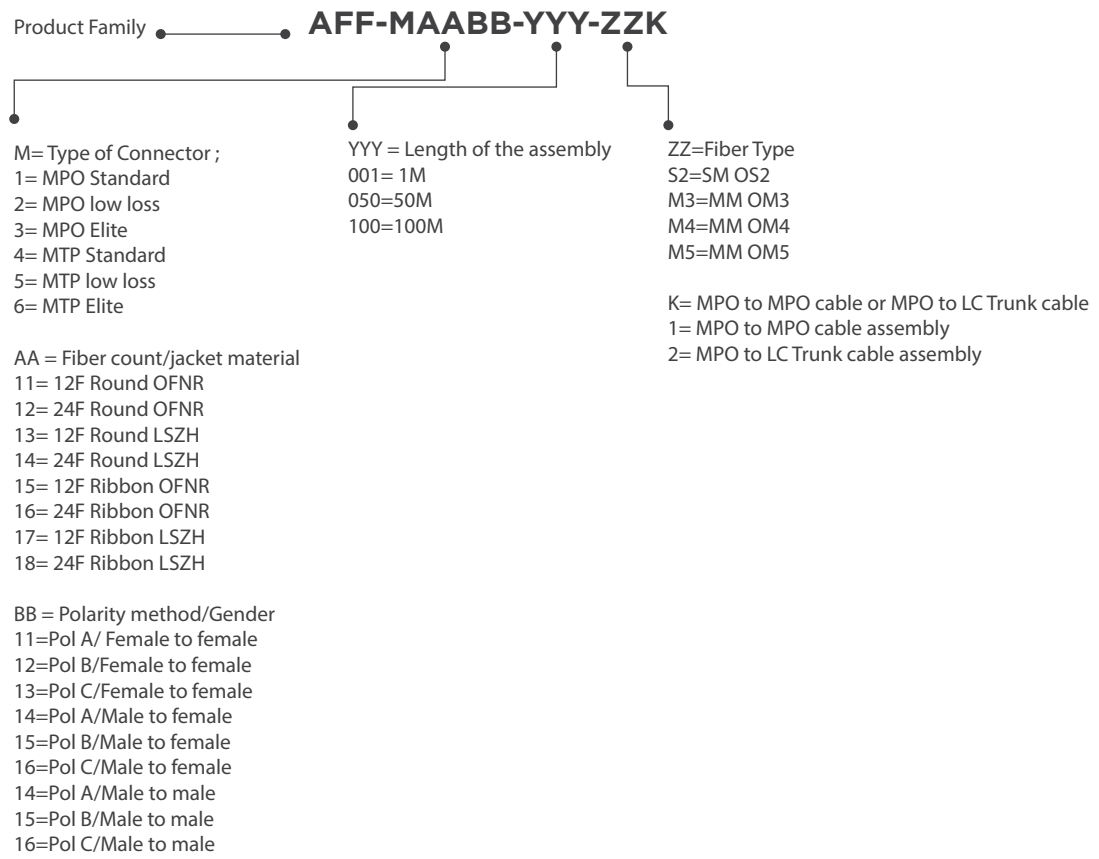
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## MPO - MPO Cable Assemblies

AFNS advanced MPO solutions are designed to support high density plug & play solution and secure fiber terminations for mission critical applications such as Data center and Storage area networks (SAN). It enables fast & economical installations.

- Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D and IEC standards
- Available in both Singlemode and Multimode Fiber types
- Available in 12F and 24F fiber counts
- Round & flexible outer jacket is easy to install
- Low loss insertion loss (0.35dB max insertion loss for optimized OM3/OM4/OM5 assemblies)
- Standard, low loss and elite MPO/MTP® versions available
- Available in standard and customized lengths
- Easy pulling eye is installed to protect the assembly during installation
- 100% tested for mechanical and optical characteristics
- RoHS Compliant

Product Family

## AFF-MAABB-YYY-ZZK

M= Type of Connector ;
1= MPO Standard
2= MPO low loss
3= MPO Elite
4= MTP Standard
5= MTP low loss
6= MTP Elite

AA = Fiber count/jacket material
11= 12F Round OFNR
12= 24F Round OFNR
13= 12F Round LSZH
14= 24F Round LSZH
15= 12F Ribbon OFNR
16= 24F Ribbon OFNR
17= 12F Ribbon LSZH
18= 24F Ribbon LSZH

BB = Polarity method/Gender
11=Pol A/ Female to female
12=Pol B/Female to female
13=Pol C/Female to female
14=Pol A/Male to female
15=Pol B/Male to female
16=Pol C/Male to female
14=Pol A/Male to male
15=Pol B/Male to male
16=Pol C/Male to male

YYY = Length of the assembly
001= 1M
050=50M
100=100M

ZZ=Fiber Type
S2=SM OS2
M3=MM OM3
M4=MM OM4
M5=MM OM5

K= MPO to MPO cable or MPO to LC Trunk cable
1= MPO to MPO cable assembly
2= MPO to LC Trunk cable assembly

In the above part No. scheme substitute the given code No, or letter to arrive at the cable assembly ordering part number

# MPO PRE-TERMINATED CABLE ASSEMBLIES

## MPO - MPO Cable Assemblies

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-21313001-S21 | AFF-100571 | 12F SM OS2 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 1M |
| AFF-21313010-S21 | AFF-100572 | 12F SM OS2 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 10M |
| AFF-21413001-S21 | AFF-100573 | 24F SM OS2 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 1M |
| AFF-21413010-S21 | AFF-100574 | 24F SM OS2 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 10M |
| AFF-21313001-M31 | AFF-100575 | 12F MM OM3 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 1M |
| AFF-21313010-M31 | AFF-100576 | 12F MM OM3 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 10M |
| AFF-21413001-M31 | AFF-100577 | 24F MM OM3 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 1M |
| AFF-21413010-M31 | AFF-100578 | 24F MM OM3 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 10M |
| AFF-21313001-M41 | AFF-100579 | 12F MM OM4 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 1M |
| AFF-21313010-M41 | AFF-100580 | 12F MM OM4 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 10M |
| AFF-21413001-M41 | AFF-100581 | 24F MM OM4 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 1M |
| AFF-21413010-M41 | AFF-100582 | 24F MM OM4 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 10M |
| AFF-21313001-M51 | AFF-100583 | 12F MM OM5 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 1M |
| AFF-21313010-M51 | AFF-100584 | 12F MM OM5 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 10M |
| AFF-21413001-M51 | AFF-100585 | 24F MM OM5 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 1M |
| AFF-21413010-M51 | AFF-100586 | 24F MM OM5 MPO-MPO Female Low Loss Cable Assembly Polarity C LSZH 10M |
| AFF-31315003-S21 | AFF-100587 | 12F SM OS2 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-S21 | AFF-100588 | 12F SM OS2 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-S21 | AFF-100589 | 24F SM OS2 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-S21 | AFF-100590 | 24F SM OS2 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M31 | AFF-100591 | 12F MM OM3 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-M31 | AFF-100592 | 12F MM OM3 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M31 | AFF-100593 | 24F MM OM3 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-M31 | AFF-100594 | 24F MM OM3 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M41 | AFF-100595 | 12F MM OM4 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-M41 | AFF-100596 | 12F MM OM4 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M41 | AFF-100597 | 24F MM OM4 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-M41 | AFF-100598 | 24F MM OM4 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M51 | AFF-100599 | 12F MM OM5 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-M51 | AFF-100600 | 12F MM OM5 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M51 | AFF-100601 | 24F MM OM5 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-M51 | AFF-100602 | 24F MM OM5 MPO-MPO Male Elite Cable Assembly Polarity B LSZH 50M |

# MPO PRE-TERMINATED CABLE ASSEMBLIES

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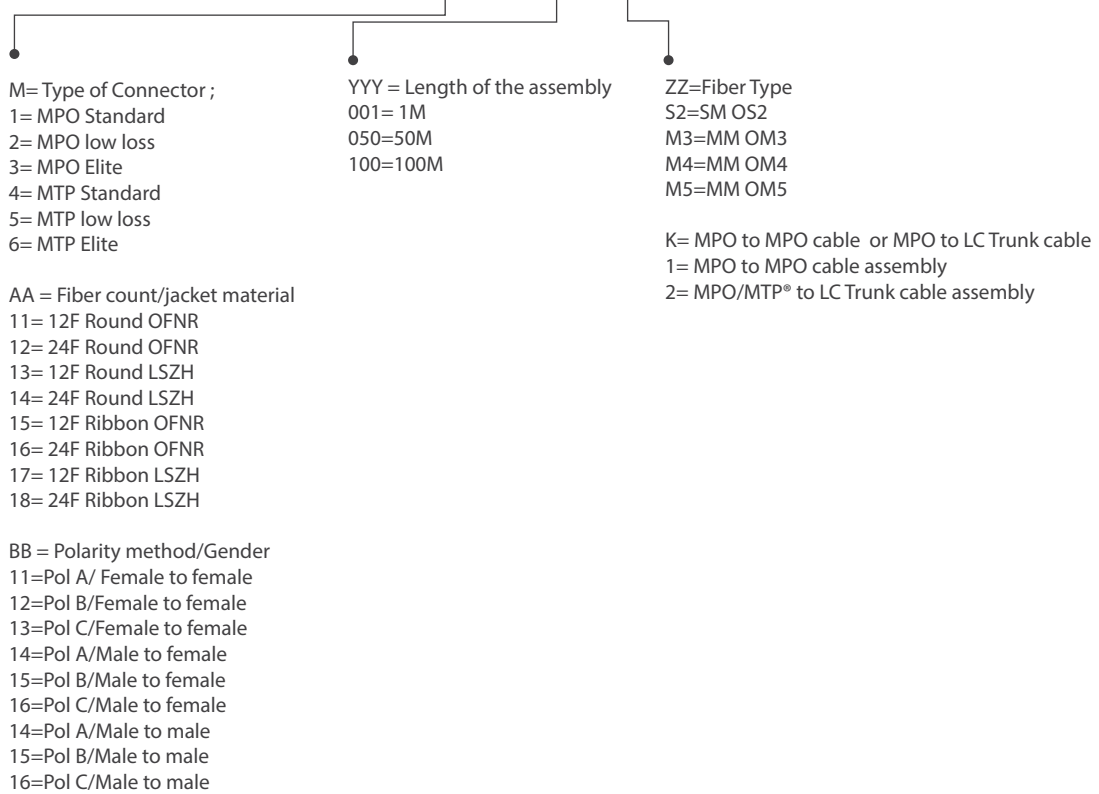
## MPO - LC Trunk Cable Assemblies

AFNS's advanced MPO solutions are designed to support high density plug & play solution and secure fiber terminations for mission critical applications such as Data center and Storage area networks (SAN). It enables fast & economical installations.

• End A: LC Trunk assembly ; End B: MPO
• Meets and exceeds transmission performance as per the requirements of ANSI/TIA-568.3-D and IEC standards
• Available in both Singlemode and Multimode Fiber types
• Available in 12F and 24F fiber counts
• Round & flexible outer jacket is easy to install
• Low loss insertion loss (0.35dB max insertion loss for optimized OM3/OM4/OM5 assemblies)
• Standard, low loss and elite MPO/MTP® versions available
• Available in standard and customized lengths
• Easy pulling eye is installed to protect the assembly during installation
• 100% tested for mechanical and optical characteristics
• RoHS Compliant

## Ordering Information

Product Family ———— **AFF-MAABB-YYY-ZZK**

M= Type of Connector ;
1= MPO Standard
2= MPO low loss
3= MPO Elite
4= MTP Standard
5= MTP low loss
6= MTP Elite

AA = Fiber count/jacket material
11= 12F Round OFNR
12= 24F Round OFNR
13= 12F Round LSZH
14= 24F Round LSZH
15= 12F Ribbon OFNR
16= 24F Ribbon OFNR
17= 12F Ribbon LSZH
18= 24F Ribbon LSZH

BB = Polarity method/Gender
11=Pol A/ Female to female
12=Pol B/Female to female
13=Pol C/Female to female
14=Pol A/Male to female
15=Pol B/Male to female
16=Pol C/Male to female
14=Pol A/Male to male
15=Pol B/Male to male
16=Pol C/Male to male

YYY = Length of the assembly
001= 1M
050=50M
100=100M

ZZ=Fiber Type
S2=SM OS2
M3=MM OM3
M4=MM OM4
M5=MM OM5

K= MPO to MPO cable  or MPO to LC Trunk cable
1= MPO to MPO cable assembly
2= MPO/MTP® to LC Trunk cable assembly

In the above part No. scheme substitute the given code No, or letter to arrive at the cable assembly ordering part number

# MPO PRE-TERMINATED CABLE ASSEMBLIES

## MPO - LC Trunk Cable Assemblies

### Ordering Information

| Part Number | Product Code | Product Description |
|---|---|---|
| AFF-21313001-S22 | AFF-100603 | 12F SM OS2 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 1M |
| AFF-21313010-S22 | AFF-100604 | 12F SM OS2 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 10M |
| AFF-21413001-S22 | AFF-100605 | 24F SM OS2 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 1M |
| AFF-21413010-S22 | AFF-100606 | 24F SM OS2 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 10M |
| AFF-21313001-M32 | AFF-100607 | 12F MM OM3 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 1M |
| AFF-21313010-M32 | AFF-100608 | 12F MM OM3 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 10M |
| AFF-21413001-M32 | AFF-100609 | 24F MM OM3 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 1M |
| AFF-21413010-M32 | AFF-100610 | 24F MM OM3 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 10M |
| AFF-21313001-M42 | AFF-100611 | 12F MM OM4 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 1M |
| AFF-21313010-M42 | AFF-100612 | 12F MM OM4 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 10M |
| AFF-21413001-M42 | AFF-100613 | 24F MM OM4 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 1M |
| AFF-21413010-M42 | AFF-100614 | 24F MM OM4 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 10M |
| AFF-21313001-M52 | AFF-100614 | 12F MM OM5 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 1M |
| AFF-21313010-M52 | AFF-100616 | 12F MM OM5 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 10M |
| AFF-21413001-M52 | AFF-100617 | 24F MM OM5 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 1M |
| AFF-21413010-M52 | AFF-100618 | 24F MM OM5 LC-MPO Female Low Loss Trunk Cable Assembly Polarity C LSZH 10M |
| AFF-31315003-S22 | AFF-100619 | 12F SM OS2 LC-MPO Male Elite Trunk Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-S22 | AFF-100620 | 12F SM OS2 LC-MPO Male Elite Trunk Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-S22 | AFF-100621 | 24F SM OS2 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 3M |
| AFF-31315050-S22 | AFF-100622 | 24F SM OS2 LC-MPO Male Elite Trunk Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M32 | AFF-100623 | 12F MM OM3 LC-MPO Male Elite Trunk Cable Assembly Polarity B LSZH 3M |
| AFF-31315050-M32 | AFF-100624 | 12F MM OM3 LC-MPO Male Elite Trunk Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M32 | AFF-100625 | 24F MM OM3 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 3M |
| AFF-31315050-M32 | AFF-100626 | 24F MM OM3 LC-MPO Male Elite Trunk Cable Assembly Polarity B LSZH 50M |
| AFF-31315003-M42 | AFF-100627 | 12F MM OM4 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 3M |
| AFF-31315050-M42 | AFF-100628 | 12F MM OM4 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 50M |
| AFF-31315003-M42 | AFF-100629 | 24F MM OM4 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 3M |
| AFF-31315050-M42 | AFF-100630 | 24F MM OM4 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 50M |
| AFF-31315003-M52 | AFF-100631 | 12F MM OM5 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 3M |
| AFF-31315050-M52 | AFF-100632 | 12F MM OM5 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 50M |
| AFF-31315003-M52 | AFF-100633 | 24F MM OM5 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 3M |
| AFF-31315050-M52 | AFF-100634 | 24F MM OM5 LC-MPO Male Elite Trunk Cable Assembly Polarity B  LSZH 50M |

OPTICAL FIBER SOLUTIONS

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