

# IndustrialNet™ Category 5e Shielded 600 V-Rated Patch Cords

## specifications

Industrial patch cords shall be constructed of Category 5e, industrial grade, 24 AWG stranded, twisted 4-pair shielded SF/UTP cable with a flame retardant (CM) thermoplastic elastomer (TPE) jacket. Patch cord cable shall be offered in multiple colors and lengths for design flexibility. Each patch cord shall be pre-terminated to include Category 5e RJ45 shielded modular plugs on each end, with a black strain relief boot, and wired according to the T568A standard. Each patch cord is designed to support high-flex applications and is rated for 600 V panel or on-machine applications when the space is shared with high voltage power cables.



## technical information

<b>Electrical/mechanical performance:</b>	Exceeds channel and component requirements of ANSI/TIA-568-C.2 Category 5e and ISO 11801 Class D standards at swept frequencies up to 100MHz; meets ODVA Ethernet/IP electrical and mechanical performance requirements
<b>FCC and ANSI compliance:</b>	Meets all applicable ANSI/TIA-968-A requirements; contacts plated with 50 microinches of gold for superior performance
<b>IEC compliance:</b>	Meets IEC 60603-7
<b>UL-rated:</b>	UL 1863 approved
<b>IP compliance:</b>	Rated IP20
<b>RoHS compliancy status:</b>	Compliant
<b>PoE compliance:</b>	Meets IEEE 802.3af and IEEE 802.3at for PoE applications
<b>Other standard compliances:</b>	UL AWM Style 2463 (80°C 600 V) Flex Life Test: 1 million cycles at 10x cable diameter; 10 million cycles at 20x cable diameter Torsion Life Test: 3 million cycles, 360°
<b>Temperature rating:</b>	-20°C to 70°C (-4°F to 158°F) operating -40°C to 70°C (-40°F to 158°F) storage
<b>Wiring scheme:</b>	T568A
<b>Cable jacket diameter:</b>	7.2mm (0.285 in.) nominal
<b>Flame rating:</b>	CM (UL1685)
<b>Packaging:</b>	1 unit per polyethylene bag, 10 units per carton

## key features and benefits

<b>Robust 600V-rated construction</b>	Allows for patch runs between automation devices in industrial environments; rated for 600 V panel or on-machine applications when the space is shared with high voltage power cables; plug contact plated with 50 microinches of gold
<b>100% performance tested for wire map, NEXT, and return loss</b>	Confidence that each patch cord delivers specified performance
<b>Centered de-embedded plug</b>	Performs in center of ANSI/TIA-568-C.2 component range, ensuring interoperability and optimum performance
<b>Integral pair manager</b>	Optimizes performance and consistency by reducing untwist at the plug
<b>Flexible stranded cable</b>	24 AWG stranded copper cable with a nominal diameter of 7.2mm (0.285 in.) allows for high density applications and superior panel cable management
<b>Identification provides</b>	Identification of performance level, length, and quality control number for future traceability

## applications

IndustrialNet™ Patch Cords provide an ideal solution to support Industrial Ethernet from the Local Area Network (LAN) based support offices to the processing devices on the plant floor. The industrial Ethernet patch cord is a key component to an overall industrial Ethernet application. The patch cord will be the interface that protects the integrity of the Ethernet data transfer from the switch or PLC out to the devices or up to the horizontal plant backbone. The patch cord incorporates a durable oil and UV resistant TPE jacketed cable with modular plugs and is fully shielded for use in high noise (EMI/RFI) environments.

Key applications include:

- 10BASE-T (Ethernet)
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- Industrial Ethernet
- Ethernet/IP
- Control Panel deployments featuring power source voltages
- Uplinks featuring gigabit data transmission from the control panel to the consolidation point
- High flex applications – Robotic, C-Track

### IndustrialNet™ Category 5e Shielded 600 V-Rated Patch Cords

**CM/CMX:** \*ISTPHCH1MTL

### IndustrialNet™ Category 5e SF/UTP Copper Cable

**CM/CMX**  
**2-pair:** ISFCH5C02A\*\*-XG  
**4-pair:** ISFCH5C04A\*\*-XG

### IndustrialNet™ Category 6/5e RJ45 Field Terminable Plug

**Field terminable plug:** ISPS688FA

### IndustrialNet™ M12 D-Code Field Terminable Plug

**Field terminable plug:** ISPS5E44MFA

### IndustrialNet™ M12 D-Code to RJ45 Panel Mount Adapter

**Panel mount adapter:** ICAM12DRJS

### Mini-Com® Modular Patch Panel

**8-port:** CDPP8RG

### DIN Rail Adapter

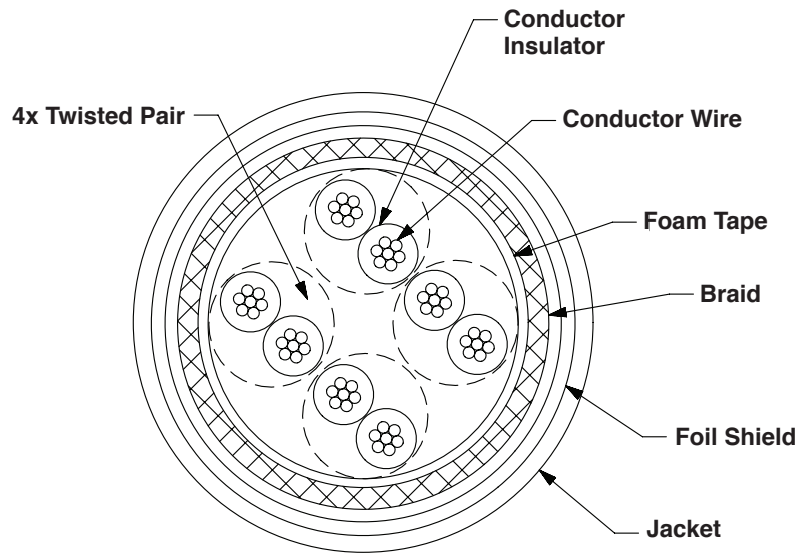
**1-port:** CADIN1IW\*\*\*

\*For other lengths, change the length designation (1M) of the part number to the desired length (0.3M, 0.6M, 1.5M, 2M, 2.5M, 3M, 3.5M, 4M, 4.5M, 5M, 10M, 15M, or 20M); to designate color, replace TL (Teal) suffix with BL (Black), RD (Red), BU (Blue), GY (Gray), or YL (Yellow). For example, the part number for a 2-meter teal patch cord is ISTPHCH2MTL.

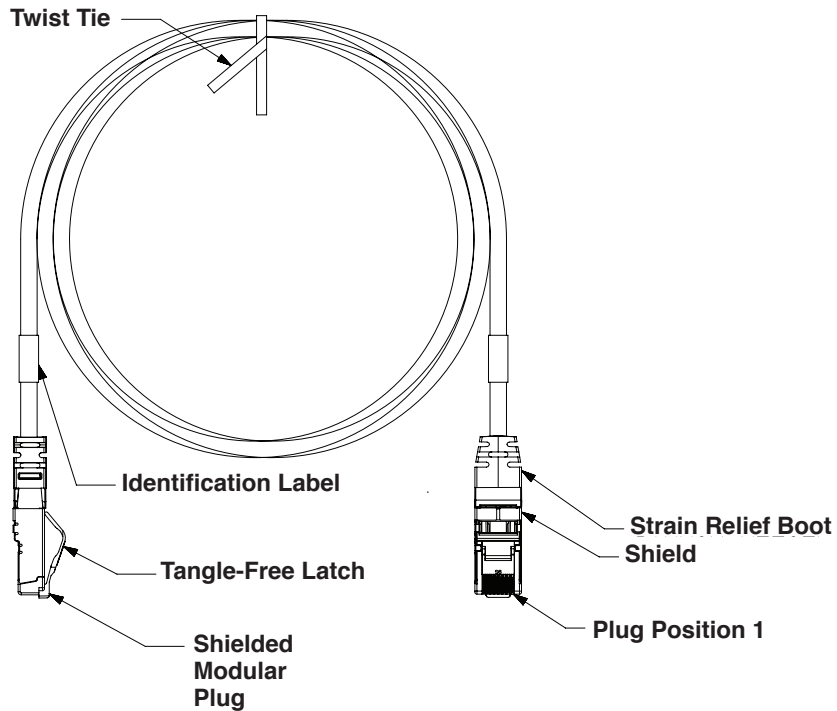
\*\*To designate color, add suffix TL (Teal), BL (Black), RD (Red), BU (Blue), GY (Gray), or YL (Yellow).

\*\*\*For standard colors other than Off White, replace IW in part number with BL (Black), EI (Electric Ivory), IG (International Gray), or WH (White).

# IndustrialNet™ Category 5e Shielded 600 V-Rated Patch Cords



**Cross Section View of Cable**



**WORLDWIDE SUBSIDIARIES AND SALES OFFICES**

PANDUIT US/CANADA  
Phone: 800.777.3300

PANDUIT EUROPE LTD.  
London, UK  
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.  
Republic of Singapore  
Phone: 65.6305.7575

PANDUIT JAPAN  
Tokyo, Japan  
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA  
Guadalajara, Mexico  
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.  
Victoria, Australia  
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to [www.panduit.com/warranty](http://www.panduit.com/warranty)

**For more information**

**Visit us at [www.panduit.com/ia](http://www.panduit.com/ia)**  
[iaipanduit.com](mailto:iaipanduit.com)



©2017 Panduit Corp.  
ALL RIGHTS RESERVED.  
COSP346--WW-ENG  
3/2017

# IndustrialNet™ Category 6A 600V Patch Cords

## specifications

Industrial patch cords shall be constructed of Category 6A, industrial grade, 26 AWG stranded, twisted 4-pair shielded SF/UTP cable with a flame retardant (CMR) thermoplastic elastomer (TPE) jacket. Patch cord cable shall be offered in teal and black colors and lengths for design flexibility. Each patch cord shall be pre-terminated to include Category 6A RJ45 shielded modular plugs on each end, with a black strain relief boot, and wired according to the T568B standard. Each patch cord is designed to support high-flex applications and is rated for 600V panel or on-machine applications when the space is shared with high voltage power cables.



## technical information

<b>Electrical/mechanical performance:</b>	Exceeds channel and component requirements of ANSI/TIA-568-C.2 Category 6A and ISO 11801 Class Ea standards at swept frequencies up to 500MHz; meets ODVA Ethernet/IP electrical and mechanical performance requirements
<b>FCC and ANSI compliance:</b>	Meets all applicable ANSI/TIA-968-A requirements; contacts plated with 50 micro-inches of gold for superior performance
<b>IEC compliance:</b>	Meets IEC 60603-7 UL-rated: UL 1863 approved
<b>IP compliance:</b>	Rated IP20
<b>RoHS compliancy status:</b>	Compliant
<b>PoE compliance:</b>	Meets IEEE 802.3af and IEEE 802.3at for PoE+ applications
<b>Other standard compliances:</b>	UL AWM Style 2463 (80°C 600V) Flex Life Test: 1 million cycles at 10x cable diameter; 10 million cycles at 20x cable diameter Torsion Life Test: 3 million cycles, 360°
<b>Temperature rating:</b>	-10°C to 60°C (14°F to 140°F) operating; -40°C to 70°C (-40°F to 158°F) storage
<b>Wiring scheme:</b>	T568B
<b>Cable jacket diameter:</b>	7.4 mm (0.29 in.) nominal
<b>Flame rating:</b>	CMR (UL1685)
<b>Packaging:</b>	1 unit per polyethylene bag, 10 units per carton

## key features and benefits

<b>Robust 600V-rated construction:</b>	Allows for patch runs between automation devices in industrial environments; rated for 600V panel or on-machine applications when the space is shared with high voltage power cables; plug contact plated with 50 micro-inches of gold
<b>100% performance tested for wire map, NEXT, and return loss:</b>	Factory testing provides confidence that each patch cord delivers specified performance
<b>Centered de-embedded plug:</b>	Performs in center of ANSI/TIA-568-C.2 component range, ensuring interoperability and optimum performance
<b>Integral pair manager:</b>	Optimizes performance and consistency by reducing untwist at the plug
<b>Flexible stranded cable:</b>	26 AWG stranded copper cable with a nominal diameter of 7.4mm (0.29 in.) allows for high density applications and superior panel cable management
<b>Identification provides for future traceability:</b>	Identification of performance level, length, and quality control number is provided on each cord

## applications

IndustrialNet™ Patch Cords provide an ideal solution to support Industrial Ethernet from the Local Area Network (LAN) based support offices to the processing devices on the plant floor. The industrial Ethernet patch cord is a key component to an overall industrial Ethernet application. The patch cord will be the interface that protects the integrity of the Ethernet data transfer from the switch or PLC out to the devices or up to the horizontal plant backbone. The patch cord incorporates a durable oil and UV resistant TPE jacketed cable with modular plugs and is fully shielded for use in high noise (EMI/RFI) environments.

Key applications include:

- 10BASE-T (Ethernet)
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- Industrial Ethernet
- Ethernet/IP
- Control Panel deployments featuring power source voltages
- Uplinks featuring gigabit data transmission from the control panel to the consolidation point
- High flex applications – Robotic, C-Track

### IndustrialNet™ Category 6A Shielded 600 V-Rated Patch Cords

**CM/CMX:** ^ISTPH6X1M\*\*

### IndustrialNet™ Category 6A SF/UTP Copper Cable

**CMR/CMX 4-pair:** ISFCH6X04B\*\*-UG

### IndustrialNet™ Category 6/5e RJ45 Field Terminable Plug

**Field terminable plug:** ISPS688MFA

### IndustrialNet™ M12 X-Code Field Terminable Plug

**Field terminable Plug:** ISPS6A88MFA

### IndustrialNet™ M12 X-Code to RJ45 Panel Mount Adapter

**Panel mount adapter:** ICAM12DRJS

### Mini-Com® Modular Patch Panel

**8-port:** CDPP8RG

### DIN Rail Adapter

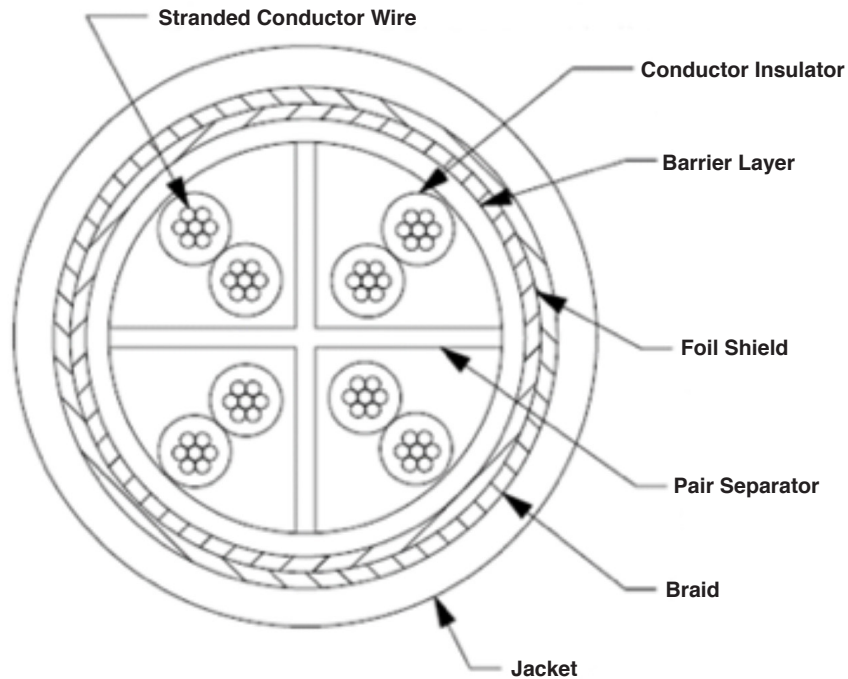
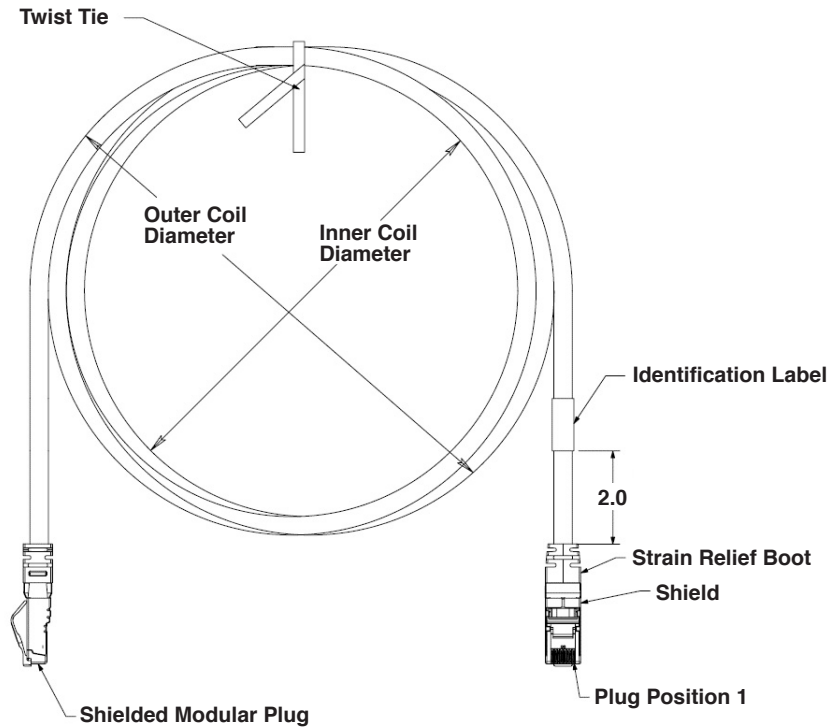
**1-port:** CADIN1IW\*\*\*

^For other lengths, change the length in the part number, to the desired length (0.3M, 0.6M, 1M, 1.5M, 2M, 2.5M, 3M, 3.5M, 4M, 4.5M, 5M, 7M, 10M, 15M, or 20M)

\*\*To designate color, add suffix TL (Teal) or BL (Black)

\*\*\*For standard colors other than IG (International Gray), replace suffix with WH (White), IW (Off White), BL (Black) or EI (Electric Ivory).

# IndustrialNet™ Category 6A 600V Patch Cords



## WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT US/CANADA  
Phone: 800.777.3300

PANDUIT EUROPE LTD.  
London, UK  
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.  
Republic of Singapore  
Phone: 65.6305.7575

PANDUIT JAPAN  
Tokyo, Japan  
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA  
Guadalajara, Mexico  
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.  
Victoria, Australia  
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to [www.panduit.com/warranty](http://www.panduit.com/warranty)

For more information

Visit us at [www.panduit.com/ia](http://www.panduit.com/ia)

[iaipanduit.com](mailto:iaipanduit.com)

**PANDUIT**®

©2018 Panduit Corp.  
ALL RIGHTS RESERVED.  
COSP449--WW-ENG  
8/2018

# IndustrialNet™ M12 D-Code Category 5e Overmolded Cordsets

## specifications

Industrial Ethernet cordsets shall be constructed of Category 5e, industrial grade, stranded, twisted pair cable for UTP and STP installations. Each cordset shall be 600V AWM rated for UL508A control cabinets, and on-machine use. The jacket shall be flame retardant (CMX/CM) for industrial Ethernet applications. Each cordset shall be pre-terminated and overmolded to include Category 5e M12 or RJ45 industrial plugs on each end which are wired according to the T568B and IEC 60603-7-41 standards.



## technical information

<b>Category 5e/ Class D channel and component performance:</b>	Exceeds channel and component requirements of ANSI/TIA-568.2-D Category 5e and ISO11801 Class D standards at swept frequencies of 1 to 100 MHz
<b>FCC and ANSI compliance:</b>	Meets ANSI/TIA-1096-A; contacts plated with 50 micro-inches of gold for superior performance
<b>IEC compliance:</b>	<ul style="list-style-type: none"> <li>ANSI/TIA 568.2-D: Category 5e</li> <li>ISO 11801 Class D standards at swept frequencies up to 100 MHz</li> <li>ANSI/TIA-1005-A: Telecommunications Infrastructure Standard for Industrial Premises</li> <li>IEC 61076-2-101 Connectors for Electronic Equipment: Circular connectors – Detail specification for connectors with M 12 x 1 screw-locking, for data transmission frequencies up to 100 MHz</li> </ul>
<b>IP compliance:</b>	Rated IP67 for dust protection and temporary liquid immersion. 10 million plus flex cycles
<b>NEMA/UL compliance:</b>	NEMA, 1, 3, 4, 6, 6P and IEC IP67, UL Type 12
<b>PoE compliance:</b>	Meets IEEE 802.3af and IEEE 802.3at for PoE applications
<b>RoHS compliance:</b>	Compliant
<b>Temperature rating:</b>	-40° to +75°C (-40° to +167°F)
<b>Materials:</b>	Constructed of 24 AWG UTP or STP stranded industrial grade TPE cable and IP67 overmolded connectors; Coupling nut: nickel plated over copper-zinc alloy; Contact pins: gold plated over copper-zinc alloy

## key features and benefits

<b>IP/NEMA/UL/CE rated</b>	Withstands light wash down and temporary submerged conditions without loss of performance to ensure reliability in harsh factory environments
<b>Robust 600V-rated construction</b>	Allows for patch runs between automation devices in industrial environments; rated for 600 V panel or on-machine applications when the space is shared with high voltage power cables; plug contact plated with 50 micro-inches of gold
<b>Ergonomic design</b>	Offers ease of handling while installing and in close proximity to other connectors
<b>100% Performance tested</b>	Factory testing provides confidence that each patch cord delivers specified performance
<b>TPE jacket</b>	Protects cable against weld splatter, chemicals and abrasions; suitable for high-flex applications for increased reliability
<b>Factory terminated</b>	Helps reduce termination errors in the field; assures reliability and saves time
<b>Extended temperature range</b>	Provides durable connection in extreme conditions to increase system reliability
<b>Robust construction</b>	Rated to 10 million flex cycles, providing durability and reliability
<b>Optional RJ45 connector</b>	Offers industry standard solution familiar to end users to speed deployment

## applications

IndustrialNet™ M12 D-Code Category 5e Overmolded Cordsets provide fast, reliable connections from machines and devices to switches and enclosures on the plant floor for Ethernet, PROFINET, Modbus and EtherCAT. The cordsets are rated to IP67, NEMA 1, 3, 4, 6, 6P, UL and M.I.C.E., ensuring high performance

and longevity under harsh environmental conditions. In mated conditions, these cordsets can withstand high temperature and high vibration commonly found in harsh industrial applications such as automotive, food and beverage, oil and gas, transportation and mining.

### IndustrialNet™ M12 D-Code Category 5e Overmolded Cordsets

<b>M12 male to male D-Code, straight connector, UTP, teal:</b>	*ICD11T2NTL1M
<b>M12 male to male D-Code, straight connector, STP, teal:</b>	*ICD11T1NTL1M
<b>M12 Male D-Code, straight connector, angled connector, STP, teal:</b>	*ICD12T1NTL1M
<b>M12 male D-Code, female D-Code, straight connectors, STP, teal:</b>	*ICD13T1NTL1M
<b>M12 male D-Code, straight connector, RJ45 plug, STP, teal:</b>	*ICD14T1NTL1M
<b>M12 male D-Code, straight connector, STP, teal:</b>	*ICD15T1NTL1M
<b>M12 male to male D-Code, angled connector, STP, teal:</b>	*ICD22T1NTL1M
<b>M12 male D-Code, angled connector, STP, teal:</b>	*ICD25T1NTL1M
<b>M12 male D-Code, female D-Code, angled connectors, STP, teal:</b>	*ICD26T1NTL1M
<b>M12 female D-Code, straight connector, STP, teal:</b>	*ICD35T1NTL1M
<b>M12 bulkhead female D-Code, RJ45 plug, STP, teal:</b>	*ICD44T1NTL1M
<b>M12 bulkhead female D-Code, STP, teal:</b>	ICD45T1NTL0.5M

### Accessories

<b>IndustrialNet™ M12 D-Code female to RJ45 jack panel mount adapter:</b>	ICAM12DRJS
<b>IndustrialNet™ Category 5e M12 D-Code field terminable plug:</b>	ISPS5E44MFA
<b>IndustrialNet™ Category 6A/6/5e shielded RJ45 field terminable plug:</b>	FPS6X88MTG

### IndustrialNet™ Copper Cable

<b>Category 5e, SF/UTP, 24/7 AWG stranded, CM 2-pair:</b>	ISFCH5C02A**-XG
---	-----------------

### IndustrialNet™ 600V Copper Patch Cords

<b>Category 5e, SF/UTP, 600V Patch Cords:</b>	ISTPHCH*M**
---	-------------

\*For other lengths, change the length designation (1M) of the part number to the desired standard length (.5M, 2M, 3M, 5M, 10M, 15M or 20M)

\*\* To designate color, add suffix TL (Teal), BL (Black)

# IndustrialNet™ M12 D-Code Category 5e Overmolded Cordsets



## WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT US/CANADA  
Phone: 800.777.3300

PANDUIT EUROPE LTD.  
London, UK  
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.  
Republic of Singapore  
Phone: 65.6305.7575

PANDUIT JAPAN  
Tokyo, Japan  
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA  
Guadalajara, Mexico  
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.  
Victoria, Australia  
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to [www.panduit.com/warranty](http://www.panduit.com/warranty)

For more information

Visit us at [www.panduit.com](http://www.panduit.com)

Contact Customer Service by email: [cs@panduit.com](mailto:cs@panduit.com)  
or by phone: 800.777.3300

**PANDUIT**®

© 2019 Panduit Corp.  
ALL RIGHTS RESERVED.  
COSP425--WW-ENG  
7/2019

# IndustrialNet™ M12 X-Code Category 6A Overmolded Cordsets

## specifications

Industrial Ethernet cordsets shall be constructed of Category 6A, industrial grade, stranded, twisted pair cable for UTP and STP installations. Each cordset shall be pre-terminated and overmolded to include Category 6A M12 or RJ45 industrial plugs on each end which are wired according to the T568B and IEC 60603-7-41 standards.



## technical information

<b>Category 6A/ Class E<sub>A</sub> channel and component performance:</b>	Exceeds channel and component requirements of ANSI/TIA-556-C.2 Category 6A and ISO11801 Class E <sub>A</sub> standards at swept frequencies of 1 to 500 MHz
<b>FCC and ANSI compliance:</b>	Meets ANSI/TIA-1096-A; contacts plated with 50 micro-inches of gold for superior performance
<b>IEC compliance:</b>	<ul style="list-style-type: none"> <li>Interface conforms to IEC-61076-2-101</li> <li>ANSI/TIA 568-C.2: Category 6A</li> <li>ISO 11801 Class E<sub>A</sub> standards at swept frequencies up to 500 MHz</li> <li>ANSI/TIA-1005-A: Telecommunications Infrastructure Standard for Industrial Premises</li> <li>IEC 61076-2-109 Connectors for Electronic Equipment: Circular connectors – Detail specification for connectors with M 12 × 1 screw-locking, for data transmission frequencies up to 500 MHz</li> </ul>
<b>IP compliance:</b>	Rated IP67/68 for dust protection and temporary liquid immersion. 10 million plus flex cycles
<b>NEMA/UL compliance:</b>	NEMA, 1, 3, 4, 6, 6P and IEC IP67/68, UL Type 12
<b>PoE compliance:</b>	Meets IEEE 802.3af and IEEE 802.3at for PoE applications
<b>RoHS compliance:</b>	Compliant
<b>Temperature rating:</b>	-40° to +75°C (32° to +167°F)
<b>Materials:</b>	Constructed of 24 AWG UTP or STP stranded industrial grade and TPU and TPO cable and IP67/68 overmolded connectors; Coupling nut: nickel plated over copper-zinc alloy; Contact pins: gold plated over copper-zinc alloy

## key features and benefits

<b>IP/NEMA/UL/CE rated</b>	Withstands light wash down and temporary submerged conditions without loss of performance to ensure reliability in harsh factory environments
<b>TPU and TPO jackets</b>	Protect cable against weld splatter, chemicals and abrasions; suitable for high-flex applications for increased reliability
<b>Factory terminated</b>	Helps reduce termination errors in the field; assures reliability and saves time
<b>Extended temperature range</b>	Provides durable connection in extreme conditions to increase system reliability
<b>Robust construction</b>	Rated to 10 million flex cycles, providing durability and reliability
<b>Optional RJ45 connector</b>	Offers industry standard solution familiar to end users to speed deployment

## applications

IndustrialNet™ M12 X-Code Category 6A Overmolded Cordsets provide fast, reliable connections from machines and devices to switches and enclosures on the plant floor for Ethernet, PROFINET, Modbus and EtherCAT. The cordsets are rated to IP67/68, NEMA 1,3,4,6,6P, UL and M.I.C.E., ensuring high

performance and longevity under harsh environmental conditions. In mated conditions, these cordsets can withstand high temperature and high vibration commonly found in harsh industrial applications such as automotive, food and beverage, oil and gas, transportation and mining.

### IndustrialNet™ M12 X-Code Category 6A Overmolded Cordsets

**M12 bulkhead female X-code, STP, black:** ICX45T1NBL0.5M

**M12 bulkhead female X-code, RJ45 plug, STP, black:** \*ICX44T1NBL1M

**M12 male X-code, straight connector, STP, teal:** \*ICX15T1NTL1M

**M12 male to male X-Code, straight connector, STP, teal:** \*ICX11T1NTL1M

### Accessories

**IndustrialNet™ Category 6A M12 X-Code field terminable plug:** ISPS6A88MFA

**IndustrialNet™ M12 X-Code female to 90° RJ45 jack panel mount adapter:** ICAM12X90DRJS

**IndustrialNet™ M12 X-Code female to RJ45 jack panel mount adapter:** ICAM12XRJS

### IndustrialNet™ Copper Cable

**Category 6A S/FTP, 24/7 AWG stranded, PUR 4-pair:** ISX6X04\*\*-LED

**Category 6 S/FTP, 22/1 AWG stranded, LSZH 4-pair:** PSM6004\*\*-LED

**Category 7 S/FTP, 22/1 AWG stranded, LSZH 4-pair:** PSMD7004BL-LED

**Category 6A SF/UTP, 24/7 AWG stranded, CM 4-pair:** ISFCH6X04A\*\*-UG

**Category 6A SF/UTP, 26/7 AWG stranded, CM 4-pair:** ISFCH6X04B\*\*-UG

**Category 6 U/UTP, 24/7 AWG stranded, CM 4-pair, black:** IUC6C04ABL-CEG

**Category 6 F/UTP, 26/7 AWG stranded, CM 4-pair, black:** IFC6C04BBL-CEG

**Category 6 S/FTP, 24/7 AWG stranded, PUR 4-pair:** ISX6004A\*\*-LED

**Category 6 U/UTP, 23/1 AWG stranded, CMR 4-pair:** IURH6004\*\*-UG

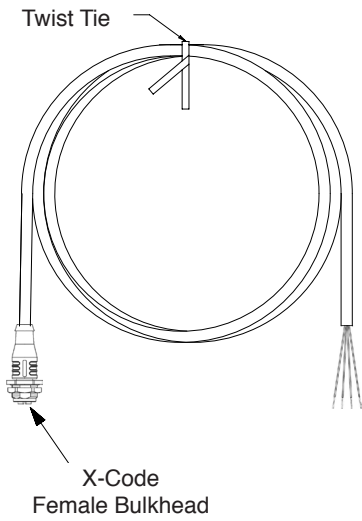
**Category 6 F/UTP, 23/1 AWG stranded, CMR 4-pair:** IFRH6C04\*\*-UG

\*For other lengths, change the length designation (1M) of the part number to the desired standard length (2M, 3M, 5M, 10M, 15M or 20M).

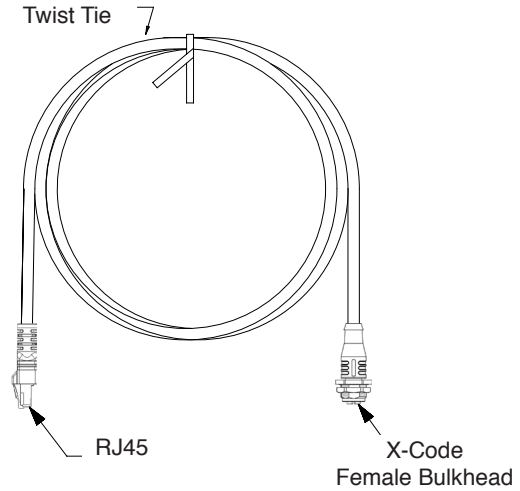
\*\* To designate color, add suffix TL (Teal), BL (Black), RD (Red), BU (Blue), GY (Gray), YL (Yellow), OR (Orange), or IG (International Gray). Contact Customer Service for complete list of colors.

# IndustrialNet™ M12 X-Code Category 6A Overmolded Cordsets

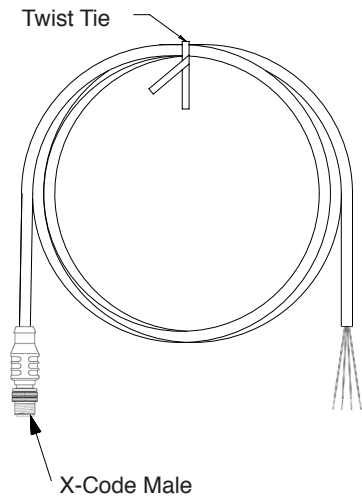
**ICX45T1NBL0.5M**



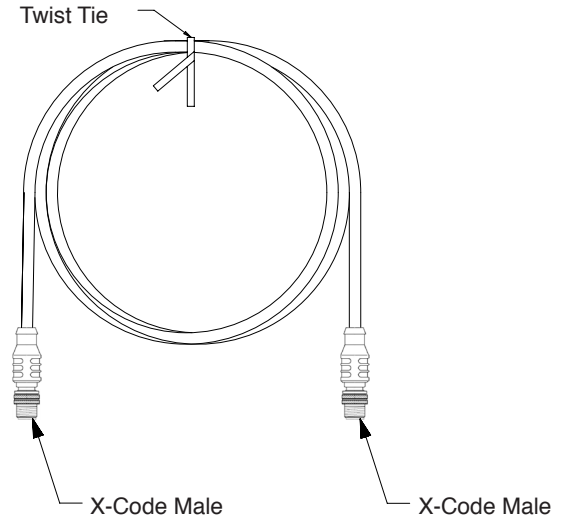
**ICX44T1NBL**



**ICX15T1NTL**



**ICX11T1NTL**




---

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT US/CANADA  
Phone: 800.777.3300

PANDUIT EUROPE LTD.  
London, UK  
cs-emea@panduit.com  
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.  
Republic of Singapore  
cs-ap@panduit.com  
Phone: 65.6305.7575

PANDUIT JAPAN  
Tokyo, Japan  
cs-japan@panduit.com  
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA  
Guadalajara, Mexico  
cs-la@panduit.com  
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.  
Victoria, Australia  
cs-aus@panduit.com  
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to [www.panduit.com/warranty](http://www.panduit.com/warranty)

For more information

**Visit us at [www.panduit.com](http://www.panduit.com)**

Contact Customer Service by email: [cs@panduit.com](mailto:cs@panduit.com)  
or by phone: 800.777.3300

**PANDUIT®**

©2018 Panduit Corp.  
ALL RIGHTS RESERVED.  
**COSP426-WW-ENG**  
2/2018