

TX6A™ Category 6A Plenum UTP FieldCord™ Connectors

SPECIFICATIONS

The TX6A Category 6A UTP FieldCord Connector shall be a simple connection solution for nearly any RJ45 plug-attached network device. The FieldCord Connector shall combine a novel field-mateable splice, smallest diameter Category 6A UTP twisted pair 23 AWG cable in the industry, and an ultra-compact RJ45 plug in one assembly. The FieldCord Connector shall enable connection to devices with the smallest port spaces and most confined cable routing paths. The TX6A FieldCord Connector shall provide Category 6A performance and shall be compatible with Category 6 and 5e UTP systems.



TECHNICAL INFORMATION

Category 6A/Class EA performance:	Exceeds ANSI/TIA-568.2-D Category 6A and ISO 11801 Class EA Channel performance requirements with up to two TX6A FieldCord Connectors in channel. Meets or exceeds TIA Modular Plug Terminated Link requirements with one TX6A FieldCord Connector in link.
Cable compatibility, in. (mm):	Compatible with 4-pair, 22–26 AWG solid or stranded unshielded twisted pair cable with conductor insulation diameters of 0.060 (1.52) maximum and overall cable O.D. 0.189 - 0.272 (4.80 - 6.91).
IEC compliance:	IEC 60603-7, IEC 60529 (IP 20)
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A (formerly FCC Part 68)
PoE and PoH compliance:	Supports IEEE 802.3af / 802.3at (PoE/PoE+) and 802.3bt type 3 and type 4 (PoE++) applications. Supports Power over HDBaseT up to 100 watts.
UL compliance:	UL 1863 (Use as communications circuit accessory)
RoHS compliance:	Compliant
Plug mating cycles:	Rated to 2500 mating cycles
Operating temperature:	+14°F to +167°F (-10°C to +75°C)
Storage temperature:	-40°F to +167°F (-40°C to +75°C)

KEY FEATURES AND BENEFITS

Small diameter 6A UTP 23 AWG cable:	Small cable diameter allows fit into tight cable routing spaces and minimizes required bend radius.
Small plug size:	Easily fits in tight port spaces of network devices where other connectors are too large.
22-26 AWG termination capable:	Works with all commonly used solid or stranded UTP cabling.
TG-style termination technology:	Proven electrical performance and quick installation speed from the same forward-motion termination technology used in Mini-Com® TG Modular Jacks.
Category 6A, 6, and 5e compatibility:	High performance capability and wide cable size range enable a single plug for all common UTP cabling systems.
FieldCord Splice re-termination:	Ability to re-terminate FieldCord Splice Connector up to 20 times with no additional parts, providing convenience and cost-savings in cases when FieldCord Connector must be re-terminated to cable.

APPLICATIONS

The TX6A UTP FieldCord Connector is ideal for connecting network devices requiring a plug connection to the network and where the plug port area and/or the cable routing path in the network device is too small to use TX6A Field Term Plugs. Typical applications include:

- Network cameras and motion sensors
- Wireless access points (WAPs)
- Power over Ethernet (PoE) LED lighting
- Building access control points
- Network-attached Audio/Video equipment
- Other PoE or HDBASE-T powered network devices

TX6A UTP FieldCord Connectors

Category 6A UTP plenum FieldCord Connector: FC-ICCP*M**

Category 6A UTP plenum FieldCord Connector, 3 meter: FC-ICC/P3M**

Category 6A UTP FieldCord Connector Assembly: FC-ISC

Tools and Accessories

Compact Termination tool: EGPT

Cable jacket stripping tool: CJUST

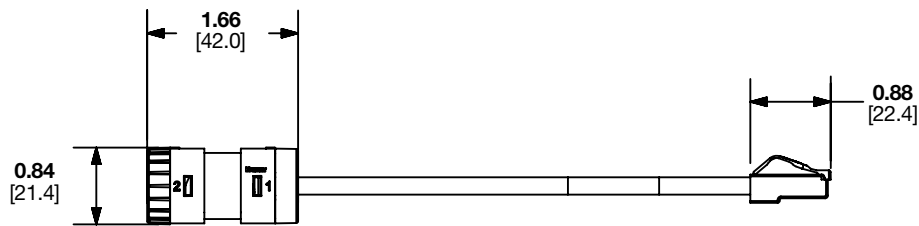
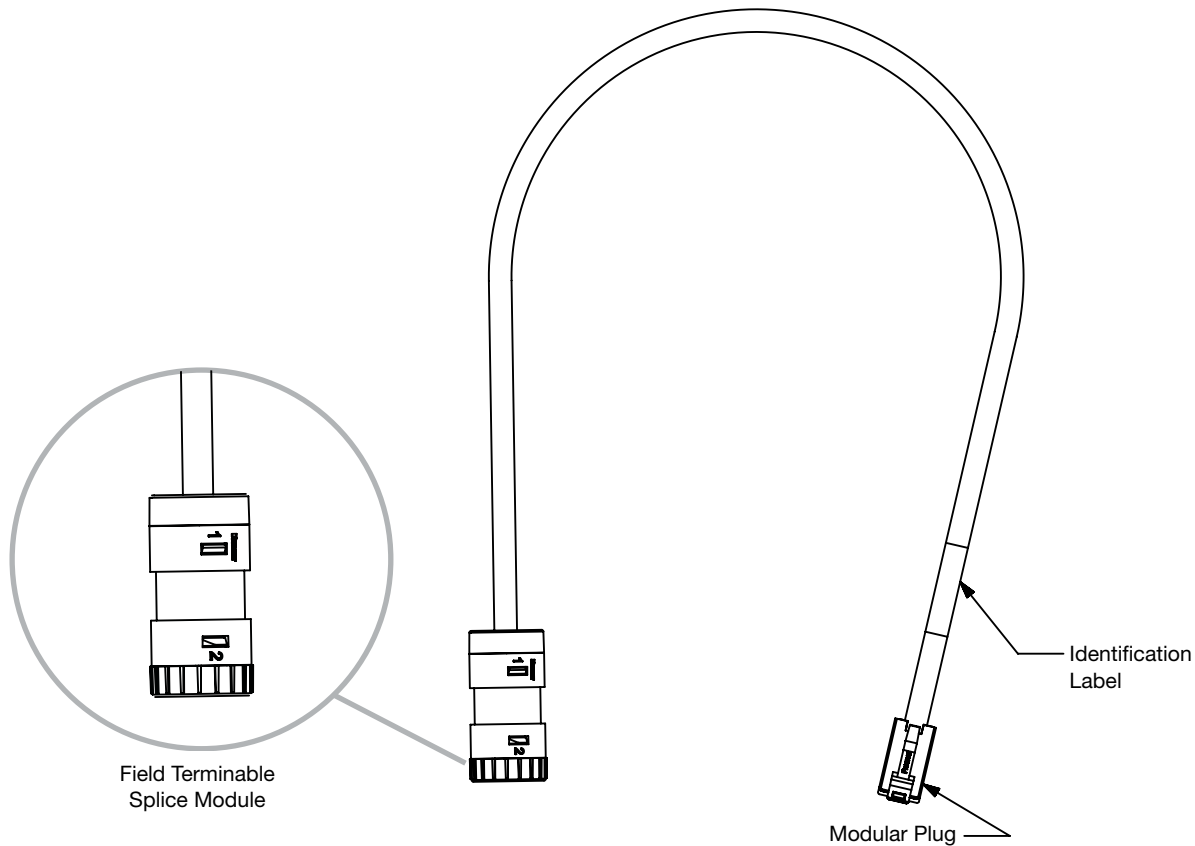
Wire snipping tool: CWST

*Meters: 0.5 or 1

** Colors: BU (Blue) or WH (White)

TX6A™ Category 6A Plenum UTP FieldCord™ Connectors

ENGINEERING DRAWINGS



Dimensions are in inches. [Dimensions in brackets are metric].

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

PANDUIT®

For more information
Visit us at www.panduit.com
Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

© 2023 Panduit Corp.
ALL RIGHTS RESERVED.
COSP512-WW-ENG
10/2023