

TX6A™ Category 6A LSZH UTP FieldCord™ Connectors

specifications

The TX6A™ Low Smoke Zero Halogen (LSZH) 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, Panduit's Vari-MaTriX Category 6A LSZH UTP twisted pair 23 AWG cable, 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 E_A performance:	Exceeds ANSI/TIA-568.2-D Category 6A and ISO 11801 Class E _A 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:	Compatible with 4-pair, 22–26 AWG solid or stranded unshielded twisted pair cable with conductor insulation diameters of 0.060 in. maximum and overall cable O.D. 0.189 in. to 0.272 in. (4.80mm to 6.91mm)
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A (formerly FCC Part 68)
IEC compliance:	IEC 60603-7, IEC 60529 (IP 20)
Cable Flame Rating:	IEC-60332-1; IEC-60754; IEC-61034; EuroClass Cca-s1a, d1, a1
RoHS compliance:	Compliant
PoE & 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.
Plug mating cycles:	Rated to 2500 mating cycles
Operating temperature:	-10°C to +75°C (+14°F to +167°F)
Storage temperature:	-40°C to +75°C (-40°F to +167°F)
Required installation tool:	EGPT

key features and benefits

Multiple standard lengths	Range of common lengths available to meet variety of application and device needs
Smallest 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 Panduit's 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
Compact termination tools	EGPT is fold-able and lightweight

applications

The TX6A™ 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 Panduit® 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™ LSZH FieldCord™ Connectors

FieldCord™ Connector, Cat 6A UTP LSZH (Cca) RJ45 Cord, 0.5M, White: FC-ICCY0.5MWH

FieldCord™ Connector, Cat 6A UTP LSZH (Cca) RJ45 Cord, 1M, White: FC-ICCY1MWH

FieldCord™ Connector, Cat 6A UTP LSZH (Cca) RJ45 Cord, 3M, White (with loose cord): FC-ICC/Y3MWH

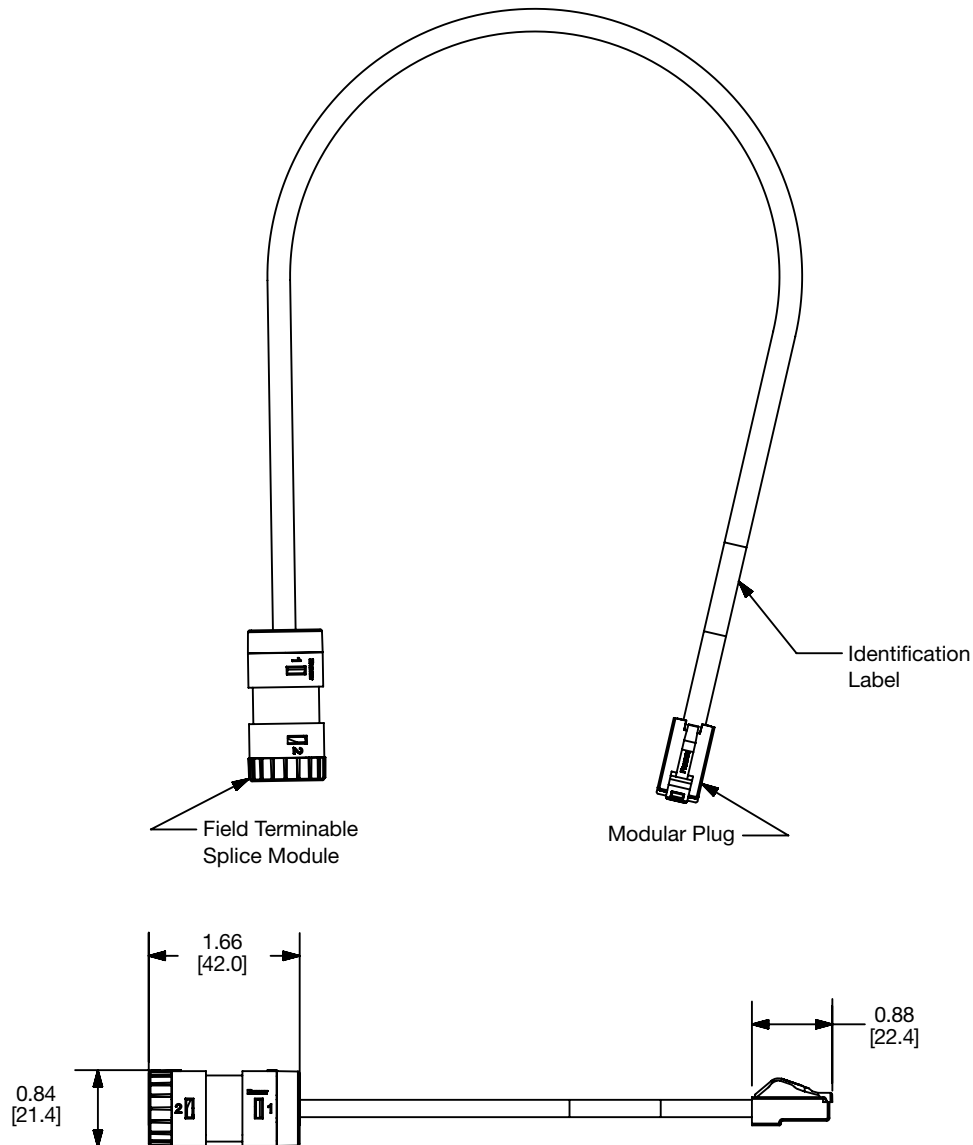
Tools and Accessories

Termination tool: EGPT

Cable jacket stripping tool: CJUST

Wire snipping tool: CWST

dimensions



Dimensions are in inches. [Dimensions in brackets are metric].
Splice Module will add a connector to the channel

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4/2022