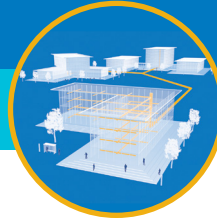


PRODUCT SOLUTIONS BRIEF
PANDUIT

HIGHER EDUCATION NETWORK PERFORMANCE



Through our strong global partnerships and alliances with manufacturers like Panduit, we are able to present you with the following offering to meet your specific campus facility requirements.

TX6A™ Category 6A UTP Field Term RJ45 Plug

The TX6A Category 6A UTP Field Term RJ45 Plug is a simple-to-attach plug for field termination of 4-pair unshielded twisted-pair cable. Providing Category 6A performance, the TX6A™ plug is also compatible with Category 6 and 5e systems. The two-piece TX6A™ plug terminates 4-pair, 22–26 AWG, 100 ohm unshielded twisted-pair cable and uses proven TG-style forward motion termination technology to optimize performance by maintaining cable pair geometry while eliminating conductor untwist.

The simple-to-attach plug is ideal for connecting the increasing number of network-powered devices, including:

- Wireless access points
- Power over Ethernet LED lighting
- IP security cameras and motion sensors
- Building access control points
- Network-attached A/V equipment
- Other PoE or HDBaseT-powered devices

CHALLENGE SOLVERS

- Simple two-piece assembly is easy to handle during field installation, saving time and reducing termination errors.
- Slim plug profile makes it easy to fit in tight port spaces or high-density port configurations.
- Re-terminate up to 20 times with no additional parts, providing convenience and cost savings.
- Compact termination tool is lightweight and robust, making it easy to carry anywhere.

THE ANIXTER APPROACH

- **Network Flexibility**
Apply open-architecture designs to accommodate your performance requirements for a highly scalable network.
- **Media Selection**
Choose the appropriate physical media from twisted-pair and optical fiber to support both wireless and wired connectivity.
- **Cabling Topology**
Select an application-independent cabling architecture to support inter- and intra-building network connectivity.
- **Wireless Mobility**
Determine your migration path for wireless connectivity to support a device-dependent and multiscreen environment.
- **Application Support**
Deploy scalable designs that can support multiple and varied applications over wired and wireless connectivity solutions.

THE PANDUIT SOLUTION

COMPATIBLE WITH	TERMINATION	PLENUM RATED
Category 6A Category 6 Category 5e	Familiar TG-style Optimizes performance	UL 2043 Use in air-handling spaces

anixter.com/shoppanduit



The simple-to-attach TX6A Field Term Plug uses Panduit's familiar TG-style termination to optimize performance.



WHAT WE HEAR

Challenges from the various higher education stakeholders are:



MANAGING DATA
and governance



Meeting **WIRELESS CONNECTIVITY** expectations



Supporting new **LEARNING MODELS**



Leveraging **ANALYTICS** to improve performance



Coping with **INCREASING BANDWIDTH**

Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance networking demands of your campus environment.

CONFIGURE

We help you discover and map your specific needs to the best solution.

Single part number works for:

- Category 6A
- Category 6
- Category 5e

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Copper cable
- Tools
- Plenum-rated surface mount box
- J-hooks

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

PANDUIT TX6A™ CATEGORY 6A UTP FIELD TERM RJ45 PLUG FEATURES

✓ CONNECTING NETWORK DEVICES

- Plenum rated for use in air-handling spaces, making the plugs ideal for connecting wireless access points, security cameras, motion sensors and other systems
- Slim plug profile means the plugs easily fit in tight spaces and high-density configurations
- Compatible with all wire gauges 22-26 AWG, including emerging power-optimized 22 AWG

✓ EASY INSTALLATION

- Field-friendly two-piece design makes it easy to handle during field installation
- Familiar TG-style termination delivers proven electrical performance and quick installation
- Compact termination tool is lightweight, robust and foldable, making it easy to carry anywhere



The TX6A Field-Term Plug is ideal for connecting the increasing number of network devices, such as wireless access points, security cameras, access control points, PoE lighting and A/V equipment.

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPPANDUIT](https://www.anixter.com/shoppanduit)

About Anixter: [anixter.com/aboutus](https://www.anixter.com/aboutus)

Legal Statement: [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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