

TX6™ PLUS 28 AWG UTP Modular Plug

SPECIFICATIONS

Category D/Class E, 8-position, 8-wire, UTP modular plug shall terminate most 4-pair, 28 AWG, 100 ohms, solid or stranded, unshielded twisted pair cable with maximum conductor insulation diameter of 0.027 inch (0.69mm). The pair manager shall simplify termination and shall provide strain relief for small diameter, 28 AWG cable. Modular plug shall terminate to T568A and T568B wiring schemes.



TECHNICAL INFORMATION

ANSI/TIA and ISO compliance:	Meets TIA/EIA Category 6 and ISO Class E performance requirements for NEXT and RL when properly terminated to category compliant cable
IEC compliance:	IEC 60603-7
c(UL) listed:	UL 1863, CSA Standard C22.2
Conductor termination, in. (mm):	Compatible with most 28 AWG solid or stranded cable cables with 0.138- 0.189 (3.50-4.80) outer jacket diameter and 0.027 (0.69) maximum conductor insulation diameter
RoHS compliance:	Compliant
Plug housing:	UL94V-0 rated clear Polycarbonate
Cable manager:	UL94V-0 rated clear, tinted Polycarbonate
Contacts:	Gold plated phosphor bronze
Operating temperature:	14°F to 140°F (-15°C to 60°C)
Storage temperature:	-40°F to 158°F (-40°C to 70°C)

KEY FEATURES AND BENEFITS

Patented tangle-free latch:	Prevents snags and provides easy release, saving time and providing reliability on frequent moves, adds, and changes
Robust construction:	Rated to 2500 mating cycles

APPLICATIONS

Category 6 plugs allow customers to meet performance requirements in ISO 11801 Class E, IEEE 802.3an-2006 and ANSI/TIA-568-C.2 Category 6 Standards to support transmission at speeds up to and including 1000BASE-T. These plugs can be used in applications such as high-performance workstations, 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM, Token Ring 4/16, digital video and broadband/baseband analog video, and Voice over IP.

TX6 PLUS 28 AWG UTP Modular Plug

TG-Style module (100 pieces): SP628-C

Tools and Accessories

Small gauge plug assembly tool: SGPT

Crimp tool: MPT5-8AS

RJ45 plug lock-in device (standard): PSL-DCPLE**+

RJ45 plug lock-in device (recessed): PSL-DCPLRE**+

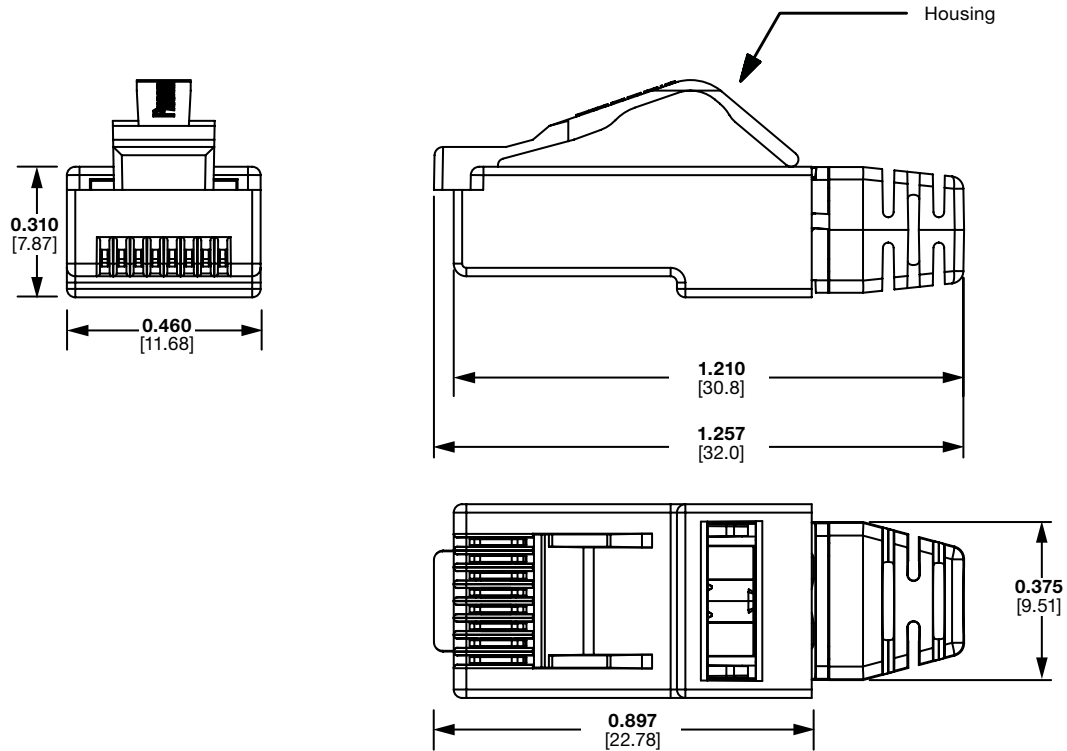
**Colors other than Red: -BL (Black), -BU (Blue), -GR (Green), -YL (Yellow), -OR (Orange), IW (International White), or -IG (International Gray)
+Add -X for packages of 10 or -C for packages of 100 packages of 100.



All Part Numbers Compliant with the U.S. Trade Agreements Act (TAA) for purchases shipped to the United States.

TX6™ PLUS 28 AWG UTP Modular Plug

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

For more information

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

PANDUIT®

© 2023 Panduit Corp.
ALL RIGHTS RESERVED.
COSP295-WW-ENG
10/2023