

TX6™ PLUS 23-24 AWG UTP Modular Plug

SPECIFICATIONS

Category 6/Class E, 8-position, 8-wire, UTP modular plug shall terminate 4-pair, 23-24 AWG, 100 ohms, solid or stranded unshielded twisted pair patch cable with maximum conductor insulation diameter of 0.042 inch (1.07mm) and maximum jacket diameter of 0.250 inch (6.35mm).



TECHNICAL INFORMATION

Category 6/Class E component performance:	Exceeds ANSI/TIA Category 6 and ISO Class E performance requirements when properly terminated to Category 6 UTP copper cable
Cable jacket diameter range:	0.225 in. - 0.250 in. (5.72mm – 6.35mm)
Conductor insulation diameter range:	0.036 in. - 0.042 in. (0.91mm – 1.07mm)
Conductor termination:	Compatible with most 23-24 AWG solid or stranded Category 6 UTP patch cable
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A (formerly FCC Part 68)
IEC compliance:	IEC 60603-7
c(UL) listed:	UL 1863, CSA Standard C22.2
Safety compliance:	(UL File E129886)
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 plug modules 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.

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TG-Style module (100 pieces): SP688-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)

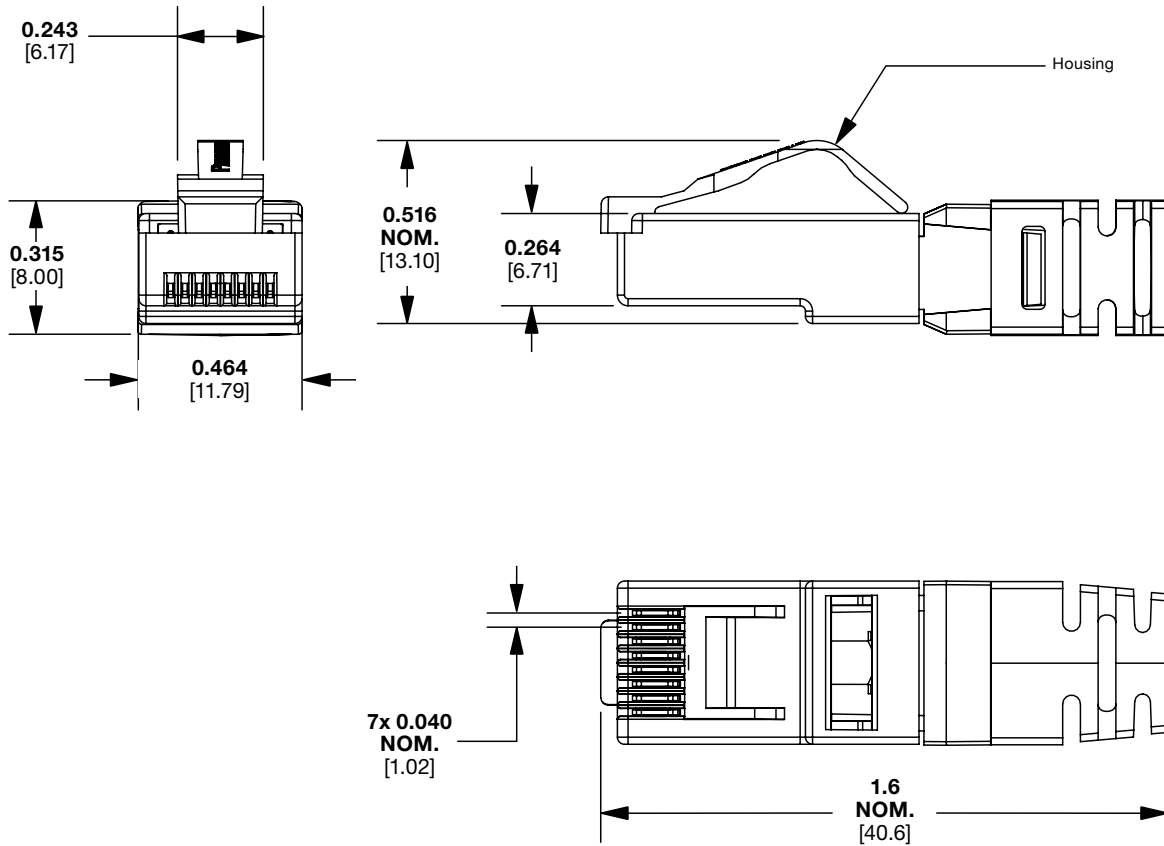
+Add -X for packages of 10 or -C for packages of 100 packages of 100.



All listed part numbers are compliant with the U.S. Trade Agreements Act (TAA) for purchases shipped to customers in the United States.

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ENGINEERING DRAWINGS



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

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