Category 6A UTP Modular Plug for 23-24 AWG Solid Cable

specifications

Category 6A/Class E_A, 8-position, 8-wire, UTP modular plug shall terminate Panduit 4-pair, 23-24 AWG, 100 ohm, solid unshielded twisted pair patch cable with maximum conductor insulation diameter of 0.048 in. (1.22mm) and maximum jacket diameter of 0.310 in. (7.87mm).

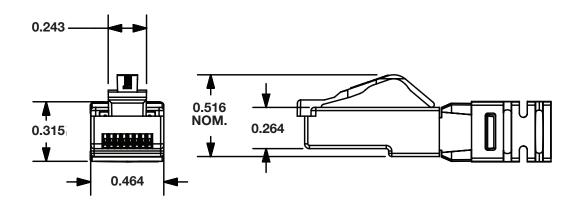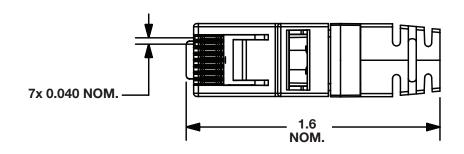| Category 6A UTP Modular Plug	
100/pack:	SP6X88-C
Tools and Accessories	
Termination Tool:	CSPT
Crimp Tool:	MPT5-8AS
RJ45 Plug Lock-in Device (Standard):	PSL-DCPLE**
RJ45 Plug Lock-in Device (Recessed):	PSL-DCPLRE**

**For colours other than Red, add suffix -BL (Black), -BU (Blue), -GR (Green), -YL (Yellow), -OR (Orange), -IW (International White), or -IG (International Grey) to the end of the part number. 10/package.

Add -C for bulk packages of 100.

technical information

Category 6A/Class E_A component performance:	Exceeds ANSI/TIA Category 6A and ISO Class E_A performance requirements when properly terminated to Panduit Category 6A UTP copper cable
Cable jacket diameter range:	0.260 (6.60mm) – 0.310 in. (7.87mm)
Conductor insulation diameter range:	0.040 (1.02mm) – 0.048 in. (1.22mm)
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A (formerly FCC Part 68)
IEC compliance:	IEC-60603-7
PoE compliance:	Supports PoE, PoE+, and proposed Type 3 and 4 PoE++ applications for up to 100 W
RoHS compliance:	Compliant
Conductor termination:	Compatible with Panduit® TX6A™ 10Gig™ UTP Horizontal Copper Cable
Plug Housing:	UL94V-0 rated clear Polycarbonate
Contacts:	Gold plated phosphor bronze
Operating temperature:	14°F to 140°F (-10°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 6A plugs allow customers to meet performance requirements in ISO 11801 Class EA, IEEE 802.3an-2006 and ANSI/TIA-568-C.2 Category 6A standards to support transmission at speeds up to and including 10GBASE-T. These plugs can be used in applications with data centers and connections to high end workstations such as stacking switches and switch-to-switch links, storage area networks, aggregation of Gigabit Ethernet channels, real-time intensive financial transactions, streaming video, animation, scientific modeling, and medical imaging.

Category 6A UTP Modular Plug for 23-24 AWG Solid Cable

0.243

0.315

0.464

0.516 NOM.

0.264

7x 0.040 NOM.

1.6 NOM.

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™