

Category 6A UTP Modular Plug for 24 AWG solid/stranded patch cable

specifications

Category 6A/Class E_A, 8-position, 8-wire, UTP modular plug shall terminate Panduit 4-pair, 24 AWG, 100 ohm, solid or stranded, unshielded twisted pair patch cable with maximum conductor insulation diameter of 0.042 in. (1.07mm) and maximum jacket diameter of 0.300 in. (7.62mm).



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 patch cable
Cable jacket diameter range:	0.260 (6.60mm) – 0.300 in. (7.62mm)
Conductor insulation diameter range:	0.036 (0.914mm) – 0.042 in. (1.07mm)
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 24 AWG solid or stranded Category 6A UTP patch 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

100/pack: SP6X88P-C

Tools and Accessories

Termination tool: CSPT

Crimp tool: MPT5-8AS

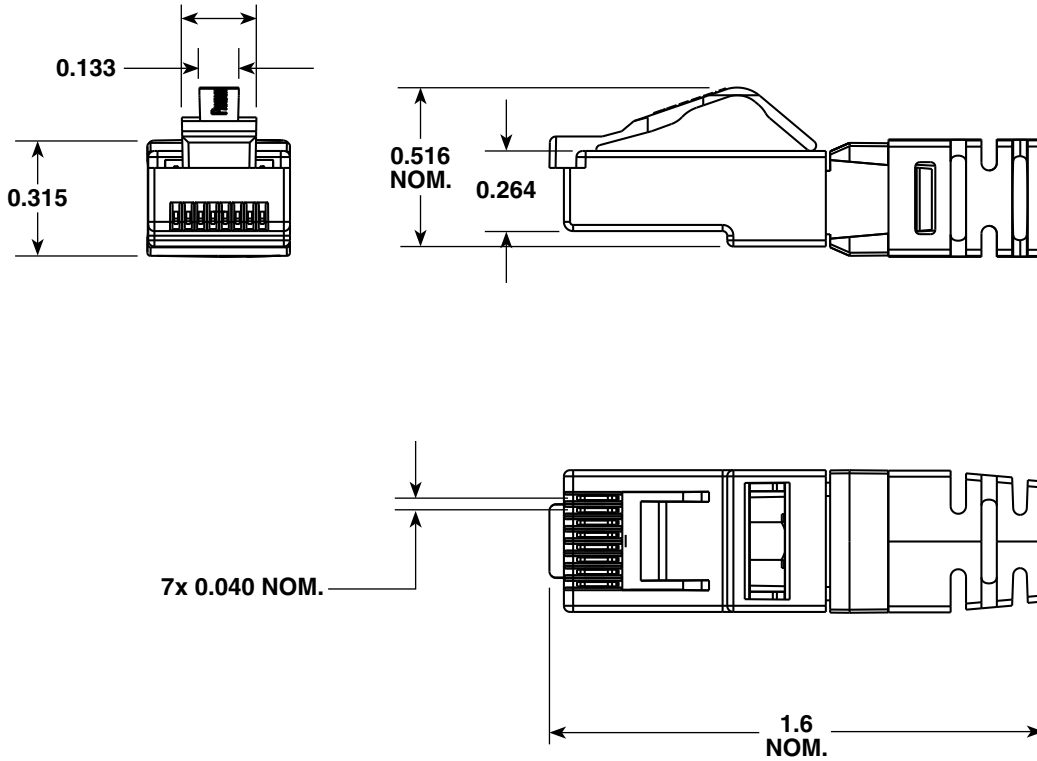
Wire prep tool: WPT-8

RJ45 plug lock-in device (standard): PSL-DCPLX[^]

RJ45 plug lock-in device (recessed): PSL-DCPLRX[^]

[^]For colors other than Red, add suffix -BL (Black), -BU (Blue), -GR (Green), -YL (Yellow), -OR (Orange), IW (Int'l White), or -IG (Int'l Gray) to the end of the part number.10/package. Add -C for bulk packages of 100.

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WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
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cs-la@panduit.com
Phone: 52.33.3777.6000

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cs-aus@panduit.com
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