Category 6A UTP Modular Plug for Vari-Matrix LSZH 23 AWG Solid Cable

PANDUIT®
SPECIFICATION SHEET

SPECIFICATIONS

Category 6A/Class E_A, 8-position, 8-wire, UTP modular plug shall terminate Panduit PUL6AHD04*-G LSZH 4-pair, 23 AWG, 100 ohm, solid unshielded twisted pair cable with conductor insulation diameter range of 0.043 in. (1.09mm) to 0.047 in. (1.19mm) and jacket diameter range of 0.240 in. (6.10mm) to 0.260 in. (6.60mm).



Category 6A UTP LSZH 23 AWG	
100/pack:	SP6X88LHD-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*

*Colors other than Red: -BL (Black), -IW (Off White), -YL (Yellow), -OR (Orange)

TECHNICAL INFORMATION

Category 6A/Class E_A component performance:	Exceeds ANSI/TIA-568.2-D Category 6A and ISO 11801 Class E_A performance requirements when properly terminated to Panduit Category 6A UTP copper cable
Cable jacket diameter range:	0.240 in. (6.10mm) - 0.260 in. (6.60mm)
Conductor insulation diameter range:	0.043 in. (1.09mm) - 0.047 in. (1.19mm)
IEC compliance:	IEC-60603-7
PoE compliance:	Supports IEEE 802.3bt PoE, PoE+, and proposed Type 3 and 4 PoE++ applications for up to 100 W
RoHS compliance:	Compliant
Conductor termination:	Compatible with TX6A™ Cat 6A Vari-MaTriX, 23 AWG, LSZH, UTP 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

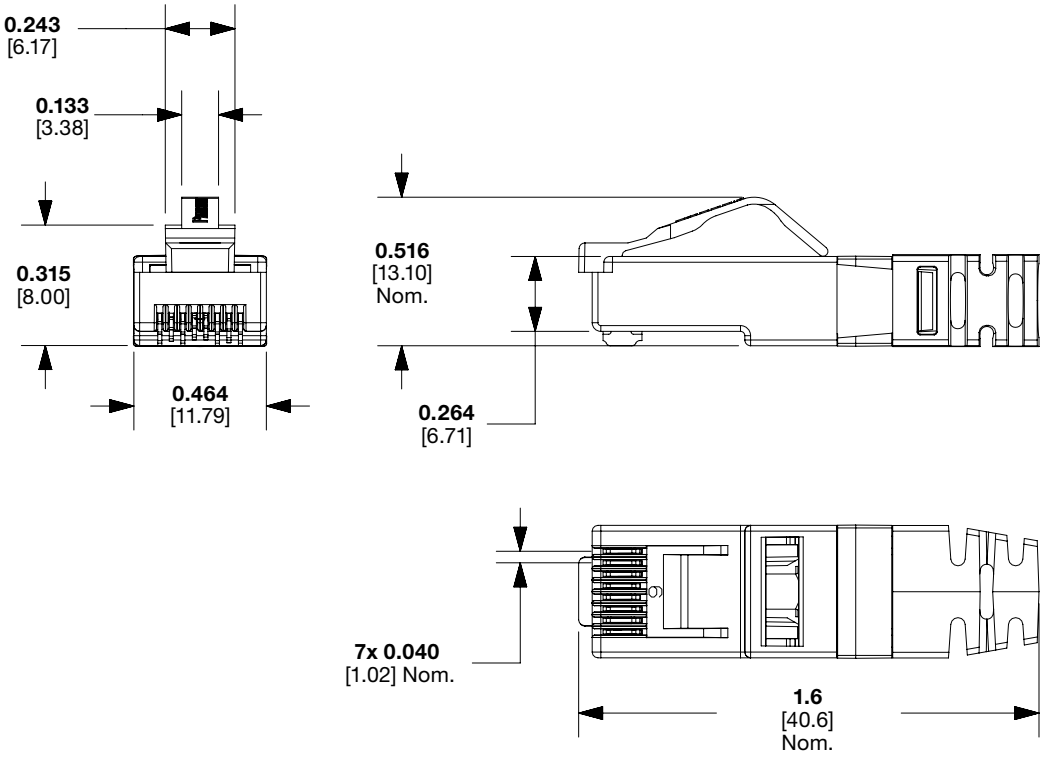
Category 6A plugs allow customers to meet performance requirements in ISO 11801 Class E_A, IEEE 802.3an-2006 and ANSI/TIA-568.2-D Category 6A standards to support transmission at speeds up to and including 10GBASE-T. These plugs can be used in applications with data centers and connections to high end 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.

TAA Compliant

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

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ENGINEERING DRAWINGS



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

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