



Pan-Net® Patch Cord

UTP28SP0.5MBL

The TX6-28™ Cat 6 UTP Patch Cord is a 0.5-Meter, 0.150-inch (3.8mm) diameter, Black cord constructed of 28 AWG, unshielded, twisted pair, stranded, CM/LSZH cable with high-performance modular plugs. Its compact 28 AWG design simplifies installation and management. The tangle-free latch prevents snags and ensures a fast release, streamlining moves, adds, and changes. Enabled with RapidID, the product has pre-installed barcodes for simple port mapping using RapidID software.

Specifications

Application	(1) Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10GBASE-T (10Gigabit Ethernet over limited distances as specified in the industry 10GBASE-T standards) (2) 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM Token ring 4/16 (3) Digital video and broadband/baseband analog video (4) Voice over Internet Protocol (VoIP)
Product Type	Patch Cord
Conductor Gauge (AWG)	28
Conductor Gauge (kcmil)	0.16
Sub Brand	Pan-Net®
Performance Level	Category 6
Conductor Type	Stranded
Cable Construction	U/UTP
Patch Cord Type	Unshielded
Plug Housing Material	Polycarbonate
Jacket Material	LSZH Material
Connector 1 Type	Modular Plug
Connector 2 Type	Modular Plug
Overall Length (m)	0.5
Nominal Cable Outside Diameter (mm)	3.8
Wiring Scheme	T568B
Maximum Operating Temperature (°C)	60
Minimum Operating Temperature (°C)	-10
Maximum Storage Temperature (°C)	70
Minimum Storage Temperature (°C)	-40
Boot Color	Clear
Color	Black
Flammability Rating	Dual Rated (CM/LSZH)

Specifications (continued)

Standards Met	Exceeds all ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E standards for all frequencies from 1 to 250 MHz; Meets ANSI/TIA-1096-A (formerly FCC Part 68); IEC 60603-7; UL 1863 and CAN/CSA-C22.2 (UL File E129886), RoHS Compliant, Supports IEEE 802.3af/802.3at and 802.3bt type 3 and type 4 PoE applications; RoHS Compliant; wired to be compatible with both T568A and T568B wiring schemes.
IEC Variant	60603-7
PoE Compatibility	IEEE 802.3af (PoE), IEEE 802.3at (PoE+), and IEEE 802.3bt Type 3 and 4 (PoE++)
Plug Type	8 Position
RapidID™ Enabled	Yes
Part Features	100% performance tested for wire map, NEXT and return loss, Centered de-embedded plug, Integral pair manager, Patented tangle-free latch

Packaging Detail

UPC	07498365645
Std. Pkg. Qty.	1
Std. Pkg. Volume (cf)	0.0155
Std. Ctn. Qty.	10
Std. Ctn. Volume (cf)	0.1550