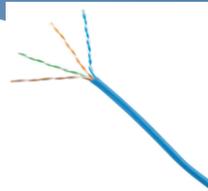


## specifications

Category 6 cable shall meet the IEC 61156-5 Category 6 and ANSI/TIA-568-C.2 Category 6 component standards. The conductors shall be 23 AWG insulated with polyethylene. The copper conductors shall be twisted in pairs and covered by a LSFRZH jacket.



## technical information

<b>Part number</b>	PUY6004**-HED (** designates jacket color, WH = white)
<b>Electrical performance:</b>	Certified channel performance in a 4-connector configuration up to 100 meters and exceeds ISO 11801 Class E and ANSI/TIA-568-C.2 Category 6 standards at swept frequencies up to 250MHz.  Certified component performance up to 100 meters and exceeds the component requirements of the IEC 61156-5 and ANSI/TIA-568-C.2 Category 6 standards at swept frequencies up to 250MHz.
<b>Conductors/insulators:</b>	23 AWG solid copper insulated with polyolefin
<b>CPR compliance:</b>	EN 50575: Euroclass Cca-s1a-d1-a1
<b>Installation tension:</b>	110 N (25 lbf)
<b>Temperature rating:</b>	-20°C to 60°C (-4°F to 140°F) during operation
<b>Cable jacket:</b>	LSFRZH
<b>Cable diameter:</b>	5.9mm (0.232 in.) nominal
<b>Cable weight:</b>	21kg/500m (46 lbs./1640 ft.)
<b>Packaging:</b>	500m (1640 ft.) on a reel

## key features and benefits

<b>Easy payout reel</b>	Ensures proper performance and provides quick installation
<b>Descending length cable markings</b>	Print legend contains footage markings from 305m to 0m
<b>Guaranteed Channel Performance above the Standards</b>	Industry leading channel performance above the ISO/TIA Standards with Headroom Guarantee
<b>Tested beyond the Standards</b>	Cable has been characterized to 550MHz, 300MHz beyond the Standard

## applications

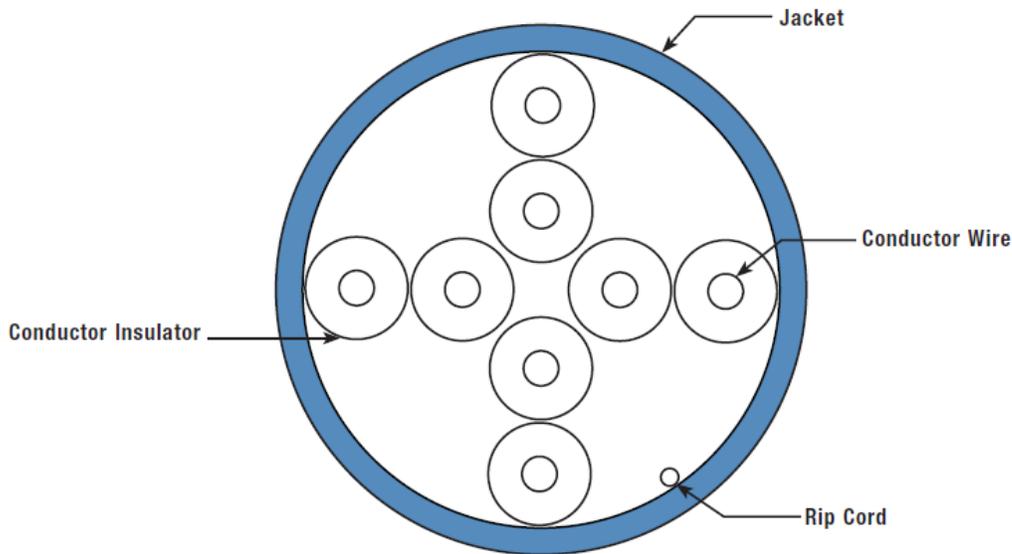
TX6000™ U/UTP Copper Cable is a component of the PANDUIT TX6000™ U/UTP Copper Cabling System. This end-to-end system provides Gigabit Ethernet performance with usable bandwidth beyond 250MHz. With certified performance to the ANSI/TIA-568-C.2 Category 6 and ISO 11801 Class E standards, this system will support the following applications:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet)

# TK6000™ Category 6 U/UTP Copper Cable

Mechanical Test	
Ultimate Breaking Strength	>400 N (90 lbf)
Minimum Bend Radius	4 x Cable Diameter
Electrical Test	
Nominal Velocity of Propagation (NVP)	67% nominal

## cable construction



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