

# TX6™ Category 6 U/UTP Copper Cable with Jacketed Interlock Armor

# PANDUIT®

## PRODUCT INFO

### specifications

Category 6 cable shall meet the ANSI/TIA-568.2-D Category 6 and IEC 61156-5 component standards. The conductors shall be 23 AWG insulated with polyolefin. The copper conductors shall be twisted in pairs, separated by a cross divider and covered by a flame retardant (CMR) PVC jacket. There shall be two cables in an aluminum interlock armor with an overall flame retardant (CMR) PVC jacket.



### technical information

<b>Part number</b>	<b>PURCA26C04**-UG</b> (** designates jacket color, BU = blue)
<b>Electrical performance:</b>	Certified channel performance in a 4-connector configuration up to 100 meters and exceeds ANSI/TIA-568.2-D Category 6 standards at swept frequencies up to 250MHz.  Certified component performance up to 100 meters and exceeds the component requirements of the ANSI/TIA-568.2-D Category 6 standards at swept frequencies up to 250MHz.
<b>Conductors/insulators:</b>	23 AWG solid copper insulated with polyolefin
<b>Installation tension:</b>	110 N (25 lbf)
<b>Temperature rating:</b>	-20°C to 75°C (-4°F to 167°F) during operation
<b>Cable and outer jacket:</b>	Riser (CMR) flame retardant PVC
<b>Cable diameter:</b>	23.0mm (0.905 in.) nominal
<b>Cable weight:</b>	96kg/305m (211 lbs./1000 ft.) nominal
<b>Packaging:</b>	305m (1000 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 1000 feet to 0 feet
<b>Robust design</b>	Jacketed aluminum interlock armor protects against mechanical stresses and EMI/RFI. Offers additional fire protection. Installs faster and easier than EMT conduit and conventional wire.
<b>Tested beyond the Standards</b>	Cable has been characterized to 350MHz, 100MHz beyond the Standard

### applications

TX6™ U/UTP Copper Cable is a component of the PANDUIT TX6™ 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-568.2-D 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)

# *TX6™ Category 6 U/UTP Copper Cable with Jacketed Interlock Armor*

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

## 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  
Guadalajara, Mexico  
cs-la@panduit.com  
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.  
Victoria, Australia  
cs-aus@panduit.com  
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to [www.panduit.com/warranty](http://www.panduit.com/warranty)

For more information

Visit us at [www.panduit.com](http://www.panduit.com)

Contact Customer Service by email: [cs@panduit.com](mailto:cs@panduit.com)  
or by phone: 800-777-3300

# PANDUIT®