

specifications

Category 6 cable shall meet the ANSI/TIA-568-C.2 and IEC 61156-5 Category 6 component standards. The conductors shall be 24 AWG insulated with polyethylene. The copper conductors shall be twisted in pairs, separated by a cross divider and covered by a LSFRZH jacket.



technical information

Part number	PUY6C04**-CE (** designates jacket color, WH = white)
Electrical performance:	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.
Conductors/insulators:	24 AWG solid copper insulated with polyolefin
CPR compliance:	EN 50575: Euroclass Cca-s1a-d1-a1
Installation tension:	25 lbf (110 N)
Temperature rating:	-4°F to 167°F (-20°C to 75°C) during operation
Cable jacket:	LSFRZH
Cable diameter:	0.240 in. (6.1 mm) nominal
Cable weight:	28 lbs./1000 ft. (13kg/305m)
Packaging:	1000 ft. (305m) easy payout carton

key features and benefits

Easy payout carton	Ensures proper performance and provides quick installation
Descending length cable markings	Print legend contains footage markings from 1000' to 0' (305m to 0m)
Robust design	Cross divider separates twisted pairs for robust cable performance
Tested beyond the Standards	Cable has been characterized to 350MHz, 100MHz beyond the Standard

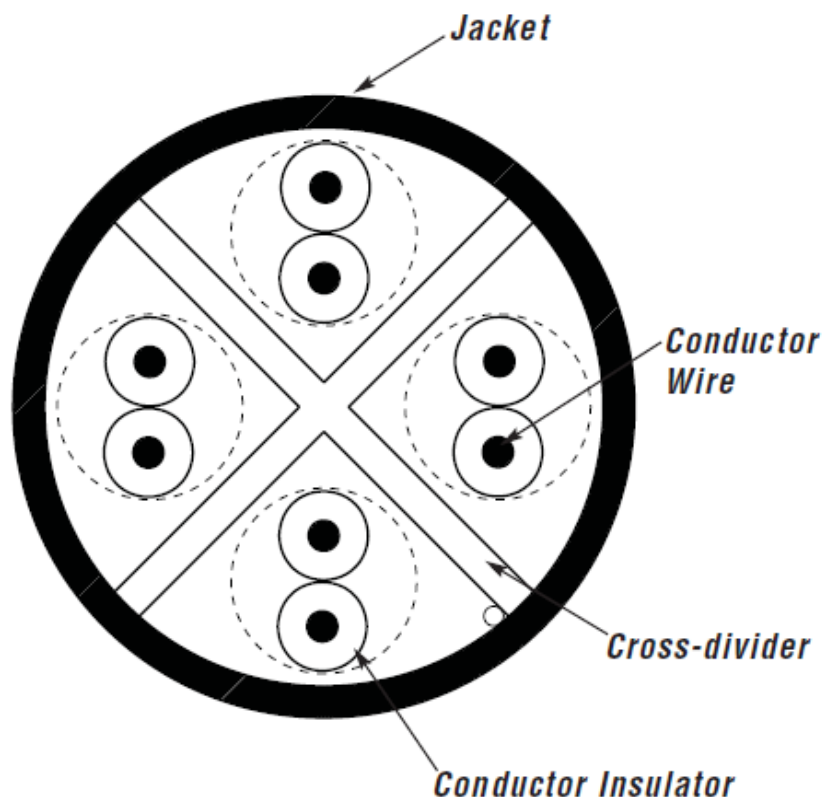
applications

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-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)

TX6™ Category 6 U/UTP Copper Cable

Mechanical Test	
Ultimate Breaking Strength	>90 lbf (400 N)
Minimum Bend Radius	4 x Cable Diameter
Electrical Test	
Nominal Velocity of Propagation (NVP)	65% nominal



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For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

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Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300

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DECLARATION OF PERFORMANCE
No. PAN-DOP-CC035

1. Unique identification code of the product-type: **F1-CC035**
- 2.
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
PUY6C04
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Supply of electricity in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):
Panduit Europe Ltd.
West World, Westgate, London, W5 1UD, United Kingdom
Tel. +44 208 601 7200
Email: techsupportemea@panduit.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
As above
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: ***System 1+***
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
Notified product certification body No. 2661 performed the determination of product type, the initial inspection of the manufacturing plant and of FPC, the continuous surveillance, assessment and evaluation of the FPC and the audit testing of samples taken before placing the product on the market and issued the certificate of constancy of performance
8. Declared performance

<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonised technical specification</i>
<i>Reaction to fire</i>	<i>Cca-s1a-d1-a1</i>	<i>EN50575:2014+A1:2016</i>
<i>Dangerous substances</i>	<i>None</i>	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Ralph J. Lolies, SVP/Managing Director EMEA, Panduit Europe Ltd

United Kingdom, May 26, 2017

Ralph J. Lolies