

specifications

Category 6 cable shall meet the ISO 11801 Class E and ANSI/TIA-568.2-D Category 6 channel standards. The conductors shall be 24 AWG insulated with HDPE. The copper conductors shall be twisted in pairs, separated by a cross divider and covered by a flame retardant (CM) jacket.



technical information

Part number	NUC6C04**-FE (** designates jacket color, BU = blue)
Electrical performance:	Certified channel performance in a 4-connector configuration up to 100 meters and meets ISO 11801 Class E and ANSI/TIA-568.2-D Category 6 standards at swept frequencies up to 250MHz.
Conductors/insulators:	24 AWG solid copper insulated with HDPE
Flame rating:	UL 1685, EN 50575: Euroclass Eca
Installation tension:	110 N (25 lbf)
Temperature rating:	-20°C to 75°C (-4°F to 167°F) during operation
Cable jacket:	CM
Cable diameter:	5.7mm (0.224 inch) nominal
Cable weight:	12kg/305m (26 lbs./1000 ft.)
Packaging:	305m (1000 ft.) 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 (305m to 0m (1000' to 0'))
Robust design	Cross divider separates twisted pairs for robust cable performance
Third party tested	Cable has been tested as part of the NetKey™ Category 6 U/UTP Copper Cabling System by an independent laboratory

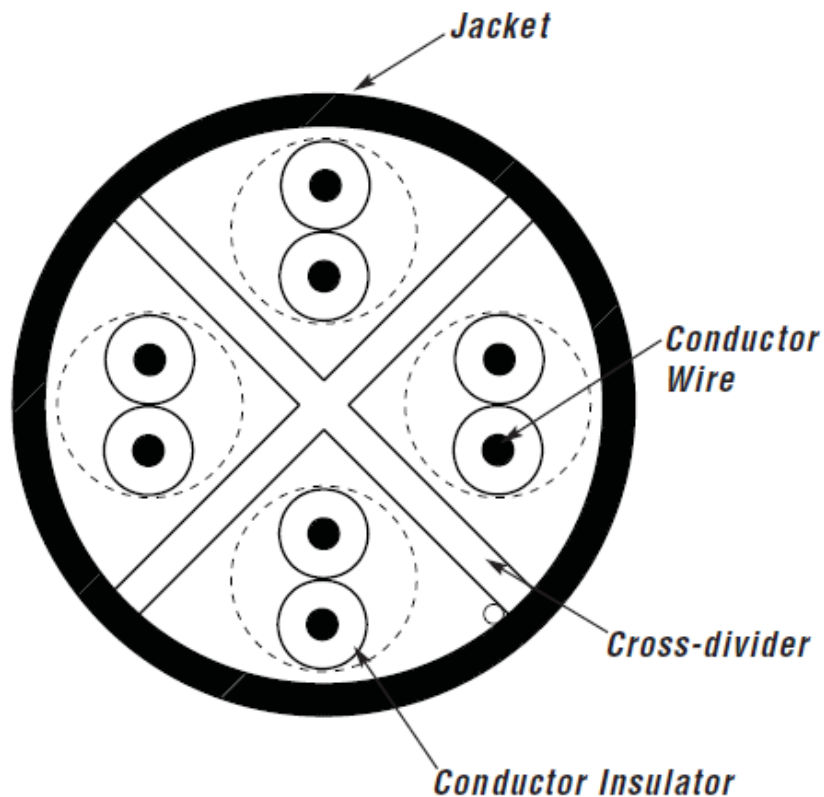
applications

NK6™ U/UTP Copper Cable is a component of the PANDUIT NK6™ U/UTP Copper Cabling System. This end-to-end system provides Gigabit Ethernet performance with usable bandwidth beyond 250MHz. With certified performance the ISO 11801 Class E and ANSI/TIA-568.2-D Category 6 standards, this system will support the following applications:

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

NK6™ 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)	65% nominal



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