NetKey® Category 6A Copper Cable

specifications

NetKey® Category 6A/Class EA cable shall be constructed of 23 AWG copper conductors with HDPE Low Smoke Zero Halogen (LSZH) insulation. The copper conductors shall be twisted in pairs and separated by a cross-divider. All four pairs shall be surrounded by an alien crosstalk barrier tape and a flame-retardant jacket

technical information

Part number	**NUL6X04**-VEG** (** designates jacket color, WH = white)
Electrical performance:	Certified channel performance in a 4-connector configuration up to 100 meters and meets the requirements of ANSI/TIA-568.2-D Category 6A and ISO 11801 Class EA standards for supporting 10GBASE-T transmission over twisted-pair cabling systems as a part of the NetKey® Category 6A UTP Copper Cabling System
Conductors/insulators:	23 AWG solid copper insulated with SFS-PO
Installation tension:	100 N (22.5 lbf)
Temperature rating:	-20ºC to 60ºC (-4ºF to 140ºF) during operation
Cable jacket:	LSFRZH
Cable diameter:	7.0mm (0.276 in.) nominal
Packaging:	305m (1000 ft.) on reel

key features and benefits

Round cable design	Improves fill capacity, cable management, reduces required bend radius and allows efficient use of pathways and spaces
Descending length cable markings:	Easy identification of remaining cable reduces installation time and cable scrap
Bulk packaging:	305m (1000 ft.) supplied on a reel

applications

The NetKey® Category 6A UTP Copper Cabling System provides a cost effective medium for ensuring that network bandwidth needs are easily met today and tomorrow. The NetKey® Solution helps organizations efficiently and reliably meet data transmission needs. With certified performance to ISO 11801 Class EA, IEEE 802.3af and IEEE 802.3at, and ANSI/TIA-586.2-D Category 6A standards, this system will support high bandwidth applications such as those required in the education, healthcare, finance, and banking sectors.