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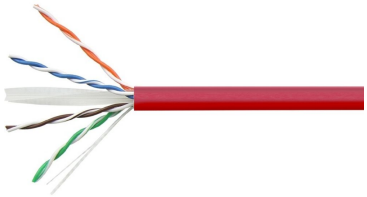

Copper Cable, Category 6, unshielded, LSZH, 1000 ft, red

Product Classification

Regional Availability	Asia | EMEA
Portfolio	NETCONNECT®
Product Type	Twisted pair cable
Product Series	620 Series

General Specifications

Product Number	620Z
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Red
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class E

Dimensions

Cable Length	304.8 m | 1000 ft
Diameter Over Jacket, nominal	6.401 mm | 0.252 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing

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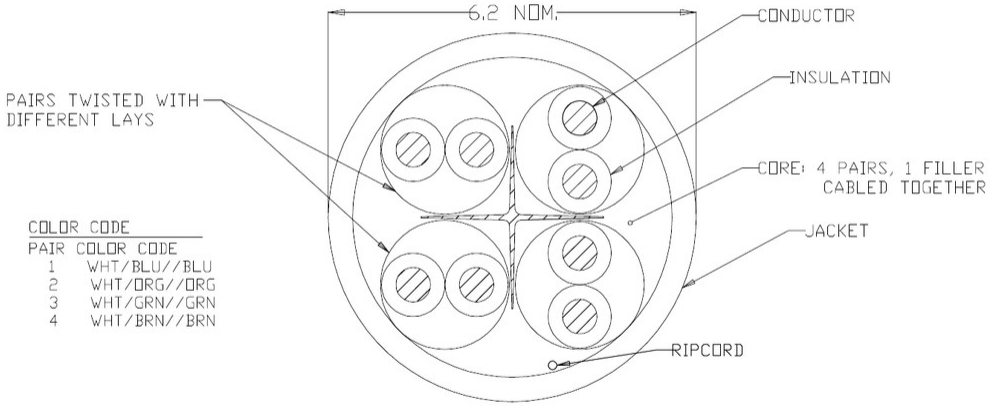

Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
Delay Skew, maximum	45 ns
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	65 %
Operating Voltage, maximum	80 V
Remote Powering	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

Material Specifications

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)

Environmental Specifications

Operating Temperature	-20 °C to +75 °C (-4 °F to +167 °F)
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Flame Test Method	NEC Article 800 | UL 444

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6-1427215-7

Packaging and Weights

Packaging Type	Reelex

Regulatory Compliance/Certifications

Agency	Classification
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance

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