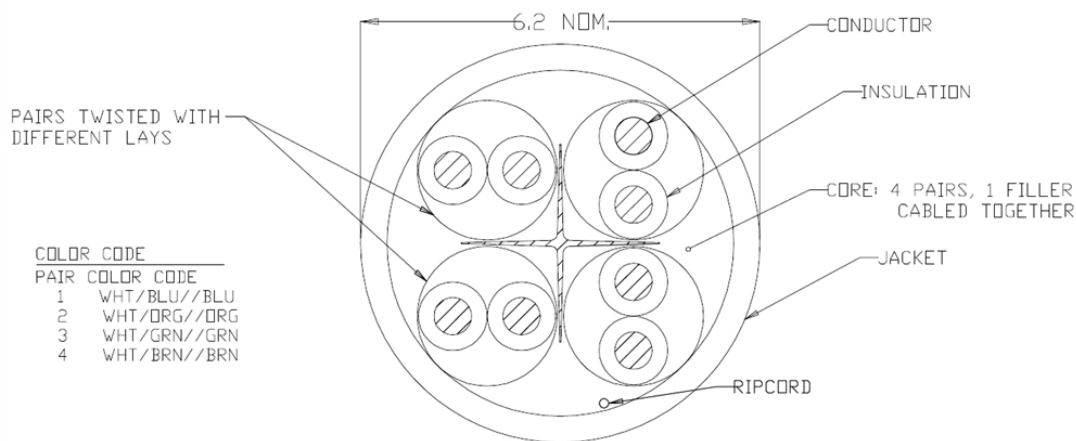


Copper Cable, Category 6, unshielded, LSZH, 1000 ft, blue

## Product Classification

<b>Portfolio</b>	NETCONNECT®
<b>Product Series</b>	620 Series
<b>Product Type</b>	Twisted pair cable
<b>Regional Availability</b>	Asia   EMEA

## Cross Section Drawing



## Construction Materials

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin

## Dimensions

<b>Cable Length</b>	305 m   1000 ft
<b>Diameter Over Jacket, nominal</b>	6.400 mm   0.252 in

## Electrical Specifications

<b>ANSI/TIA Category</b>	6
<b>Characteristic Impedance</b>	100 ohm
<b>Characteristic Impedance Tolerance</b>	±15 ohm
<b>Delay Skew, maximum</b>	45 ns
<b>Mutual Capacitance at Frequency</b>	5.6 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	65 %
<b>Operating Voltage, maximum</b>	80 V
<b>Remote Powering</b>	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
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E

## Environmental Specifications

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

## General Specifications

<b>Cable Type</b>	U/UTP (unshielded)
<b>Packaging Type</b>	Reel in box
<b>Pairs, quantity</b>	4
<b>Cable Component Type</b>	Horizontal
<b>Jacket Color</b>	Blue
<b>Product Number</b>	620Z
<b>Conductor Gauge, singles</b>	23 AWG
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant

