

# 6A20259

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Category 6A F/UTP Cable, non-plenum, gray jacket, 4 pair count, 1000 ft (305 m) length reel

## Product Classification

<b>Regional Availability</b>	North America
<b>Portfolio</b>	LITANG®
<b>Product Type</b>	Twisted pair cable
<b>Product Brand</b>	LITANG®

## General Specifications

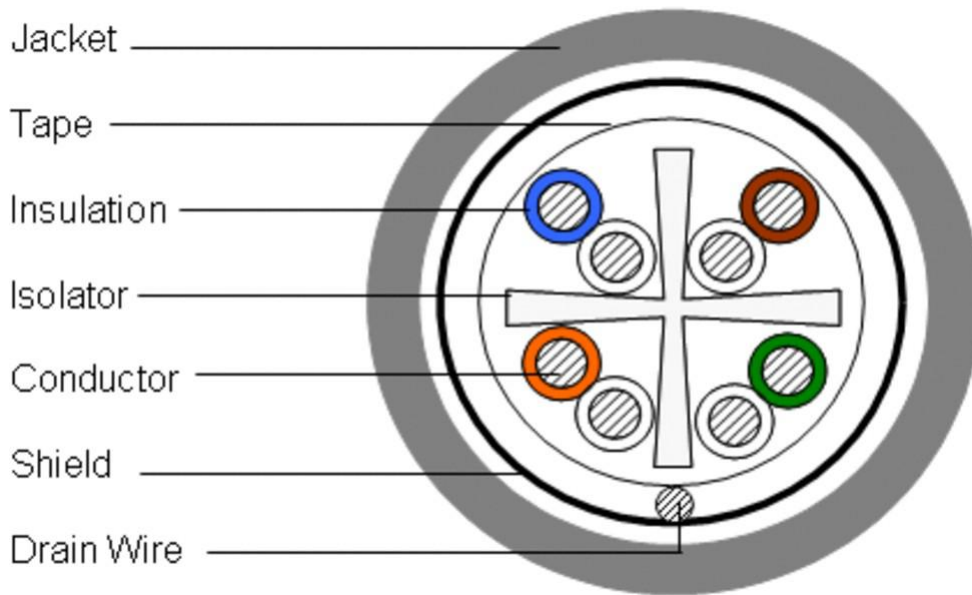
<b>Product Number</b>	6A20259
<b>ANSI/TIA Category</b>	6A
<b>Cable Component Type</b>	Cordage
<b>Cable Type</b>	F/UTP (shielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Drain Wire Type</b>	Solid
<b>Jacket Color</b>	Gray
<b>Pairs, quantity</b>	4
<b>Separator Type</b>	Isolator
<b>Transmission Standards</b>	ANSI/TIA-568-C.2

## Dimensions

<b>Cable Length</b>	1000 ft   304.8 m
<b>Diameter Over Jacket, nominal</b>	0.264 in   6.706 mm
<b>Jacket Thickness</b>	0.02 in   0.508 mm
<b>Conductor Gauge, singles</b>	24 AWG
<b>Drain Wire Gauge</b>	26 AWG

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## Cross Section Drawing



## Electrical Specifications

<b>dc Resistance Unbalance, maximum</b>	4 %
<b>dc Resistance, maximum</b>	9.38 ohms/100 m   2.859 ohms/100 ft
<b>Delay Skew, maximum</b>	45 ns
<b>Dielectric Strength, minimum</b>	1500 Vac   2500 Vdc
<b>Mutual Capacitance at Frequency</b>	5.6 nF/100 m @ 1kHz
<b>Nominal Velocity of Propagation (NVP)</b>	70 %
<b>Operating Frequency, maximum</b>	500 MHz
<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,

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CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

**Safety Voltage Rating**

300 V

## Material Specifications

**Conductor Material**

Bare copper

**Drain Wire Material**

Tinned copper

**Insulation Material**

Polyolefin

**Jacket Material**

PVC

**Separator Material**

Polyolefin

## Mechanical Specifications

**Pulling Tension, maximum**

25 lb | 11.34 kg

## Environmental Specifications

**Installation temperature**

0 °C to +60 °C (+32 °F to +140 °F)

**Operating Temperature**

-20 °C to +60 °C (-4 °F to +140 °F)

**Environmental Space**

Non-plenum

**Flame Test Method**

CMR

## Packaging and Weights

**Cable weight**

29.05 lb/kft | 4.016 kg/km

**Packaging Type**

Reel

## Regulatory Compliance/Certifications

**Agency**

**Classification**

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

