

Copper Cable, category 7, S/FTP, 4-pair, 23 AWG, black



## Product Classification

<b>Regional Availability</b>	EMEA
<b>Portfolio</b>	LITANG®
<b>Product Type</b>	Twisted pair cable

## General Specifications

<b>ANSI/TIA Category</b>	7
<b>Cable Component Type</b>	Horizontal
<b>Cable Type</b>	S/FTP (shielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Jacket Color</b>	Black
<b>Pairs, quantity</b>	4
<b>Transmission Standards</b>	CENELEC EN 50288-4-1   ISO/IEC 11801 Class F

## Dimensions

<b>Cable Length</b>	1640 ft   499.872 m
<b>Diameter Over Jacket, nominal</b>	0.38 in   9.652 mm
<b>Conductor Gauge, singles</b>	23 AWG

## Electrical Specifications

<b>Characteristic Impedance</b>	100 ohm
<b>Characteristic Impedance Tolerance</b>	±15 ohm
<b>Mutual Capacitance at Frequency</b>	4.1 nF/100 m @ 1kHz
<b>Nominal Velocity of Propagation (NVP)</b>	82 %
<b>Operating Voltage, maximum</b>	80 V

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**Safety Voltage Rating** 240 V

## Material Specifications

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

## Environmental Specifications

**Installation temperature** 0 °C to +50 °C (+32 °F to +122 °F)  
**Operating Temperature** -20 °C to +60 °C (-4 °F to +140 °F)  
**EN50575 CPR Cable EuroClass** Fca

## Packaging and Weights

**Cable weight** 0.06 lb/kft | 0.008 kg/km  
**Packaging Type** Reel

## Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.litangcables.com/ProductCompliance">www.litangcables.com/ProductCompliance</a>
ROHS	Compliant

