



Copper Cable, category 7, 4 pair simplex, F/FTP, LSZH, PiMF600, 23 AWG, 1000 m, Green

Product Classification

Regional Availability	Australia/New Zealand EMEA
Portfolio	LITANG®
Product Type	Twisted pair cable

General Specifications

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

Dimensions

Cable Length	3281 ft 1,000.049 m
Diameter Over Jacket, nominal	0.291 in 7.391 mm
Conductor Gauge, singles	23 AWG

Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
Nominal Velocity of Propagation (NVP)	78 %
Operating Voltage, maximum	80 V

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Material Specifications

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

Mechanical Specifications

Minimum Bend Radius, multiple Bends	29.6 mm 1.165 in
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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	Dca a1 d1 s2

Packaging and Weights

Cable weight	34.94 lb/kft 4.831 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 www.litangcables.com/ProductCompliance
ROHS	Compliant

