999903050 | 3010B SLT C3 25/24 U/UTP RL 1000M
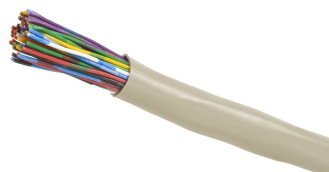
3010B Category 3 U/UTP Cable, low smoke zero halogen, slate jacket, 25 pair count, 1000 m length reel

OBSOLETE

This product was discontinued on: August 31, 2022

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America
Portfolio	CommScope®
Product Type	Twisted pair cable

General Specifications

Product Number	3010B
ANSI/TIA Category	3
Cable Component Type	Backbone
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	50
Jacket Color	Slate
Pairs, quantity	25
Transmission Standards	ANSI/TIA-568.2-D

Dimensions

Cable Length	1,000 m	3,280.84 ft
Diameter Over Jacket, nominal	11.608 mm	0.457 in
Jacket Thickness	0.787 mm	0.031 in
Conductor Gauge, singles	24 AWG

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Cross Section Drawing

Jacket

Rip Cord

Insulation

Copper Conductor
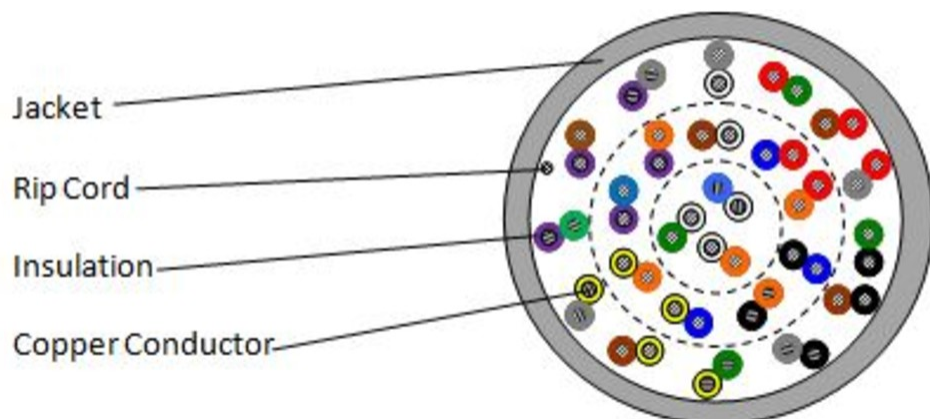
Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m	2.859 ohms/100 ft
Mutual Capacitance at Frequency	6.6 nF/100 m @ 1 kHz
Operating Frequency, maximum	16 MHz
Operating Voltage, maximum	80 V

Material Specifications

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

Environmental Specifications

Installation temperature	-10 °C to +50 °C (+14 °F to +122 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Acid Gas Test Method	IEC 60754-2
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Low Smoke Zero Halogen (LSZH)

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Flame Test Method	IEC 60332-3-22
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	163.996 kg/km | 110.2 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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