

1010A Category 3 U/UTP Cable, non-plenum, slate jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Product Classification

Portfolio

CommScope®

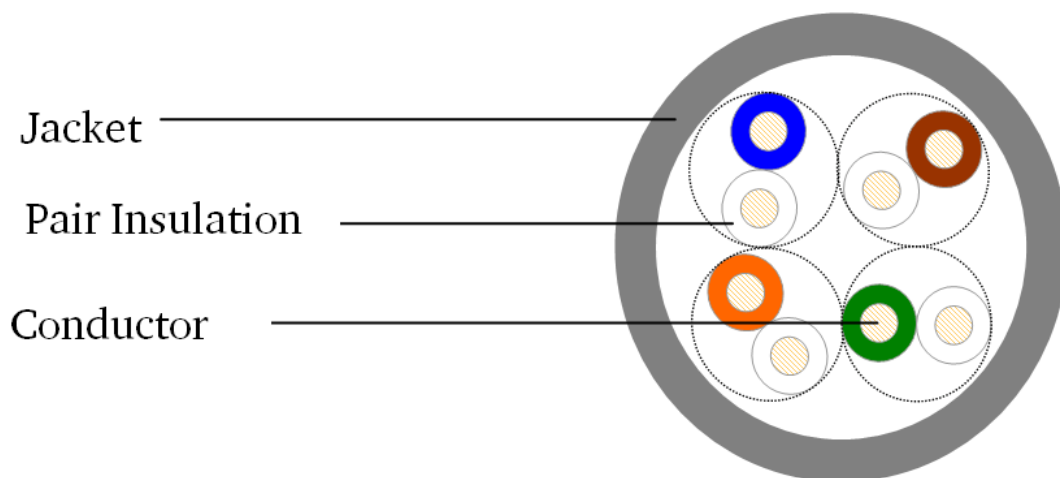
Product Type

Twisted pair cable

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Cross Section Drawing



Construction Materials

Jacket Material

PVC

Conductor Material

Bare copper

Insulation Material

Polyolefin

Dimensions

Cable Length

305 m | 1000 ft

Cable Weight

19.10 lb/kft

Diameter Over Jacket, nominal

4.547 mm | 0.179 in

Jacket Thickness

0.508 mm | 0.020 in

Electrical Specifications

ANSI/TIA Category	3
Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
Mutual Capacitance	6.6 nF/100 m @ 1 kHz
Operating Frequency, maximum	16 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2
Safety Voltage Rating	300 V
Dielectric Strength, minimum	1500 Vac 2500 Vdc

Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CMR
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

General Specifications

Cable Type	U/UTP (unshielded)
Packaging Type	WE TOTE® box
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	Slate
Product Number	1010A
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	8

Mechanical Specifications

Minimum Bend Radius, multiple bends	70.00 mm 2.76 in
Pulling Tension, maximum	11 kg 25 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

