



2010B Category 3 U/UTP Cable, plenum, white jacket, 100 pair count, 1000 ft (305 m) length, reel

Product Classification

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

Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Insulation Material	PVC

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	447.00 lb/kft
Diameter Over Jacket, nominal	20.574 mm 0.810 in
Jacket Thickness	0.813 mm 0.032 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	Plenum
Smoke Test Method	CMP

Flame Test Method	CMP
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	Reel
Pairs, quantity	100
Cable Component Type	Backbone
Jacket Color	White
Product Number	2010B
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	200

Mechanical Specifications

Pulling Tension, maximum	68 kg 150 lb
---------------------------------	----------------

Regulatory Compliance/Certifications

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

