

107765992 | 2010B WH 25/24 R1000



2010B Category 3 U/UTP Cable, plenum, white jacket, 25 pair count, 1000 ft (305 m) length, reel

Product Classification

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

General Specifications

Product Number	2010B
ANSI/TIA Category	3
Cable Component Type	Backbone
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	50
Jacket Color	White
Pairs, quantity	25
Transmission Standards	ANSI/TIA-568.2-D

Dimensions

Cable Length	1000 ft 304.8 m
Diameter Over Jacket, nominal	9.779 mm 0.385 in
Jacket Thickness	0.508 mm 0.02 in
Conductor Gauge, singles	24 AWG

Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	5 %

107765992 | 2010B WH 25/24 R1000

dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Mutual Capacitance at Frequency	6.6 nF/100 m @ 1 kHz
Operating Frequency, maximum	16 MHz
Operating Voltage, maximum	80 V
Safety Voltage Rating	300 V

Material Specifications

Conductor Material	Bare copper
Insulation Material	PVC
Jacket Material	PVC

Mechanical Specifications

Pulling Tension, maximum	150 lb 68.039 kg
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Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Environmental Space	Plenum
Flame Test Method	CMP/FT6
Smoke Test Method	CMP/FT6

Packaging and Weights

Cable weight	177.092 kg/km 119 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

