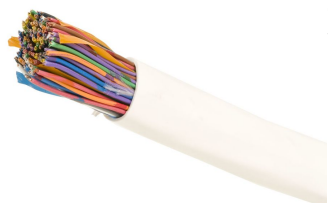# 107766040 | 2010B WH 50/24 R1000

2010B Category 3 U/UTP Cable, plenum, white jacket, 50 pair count, 1000 ft (305 m) length, reel

OBSOLETE

This product was discontinued on: August 31, 2022

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	100
Jacket Color	White
Pairs, quantity	50
Transmission Standards	ANSI/TIA-568.2-D

Dimensions

Cable Length	304.8 m	1000 ft
Diameter Over Jacket, nominal	14.605 mm	0.575 in
Jacket Thickness	0.813 mm	0.032 in
Conductor Gauge, singles	24 AWG

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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
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	68.039 kg	150 lb

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	354.183 kg/km	238 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

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REACH-SVHC   Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS   Compliant

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