



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

## Product Classification

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

## Construction Materials

<b>Jacket Material</b>	PVC
<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	PVC

## Dimensions

<b>Cable Length</b>	305 m   1000 ft
<b>Cable Weight</b>	238.00 lb/kft
<b>Diameter Over Jacket, nominal</b>	14.605 mm   0.575 in
<b>Jacket Thickness</b>	0.813 mm   0.032 in

## Electrical Specifications

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

## Environmental Specifications

<b>Environmental Space</b>	Plenum
<b>Smoke Test Method</b>	CMP

<b>Flame Test Method</b>	CMP
<b>Installation Temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)

## General Specifications

<b>Cable Type</b>	U/UTP (unshielded)
<b>Packaging Type</b>	Reel
<b>Pairs, quantity</b>	50
<b>Cable Component Type</b>	Backbone
<b>Jacket Color</b>	White
<b>Product Number</b>	2010B
<b>Conductor Gauge, singles</b>	24 AWG
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	100

## Mechanical Specifications

<b>Pulling Tension, maximum</b>	68 kg   150 lb
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## Regulatory Compliance/Certifications

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

