2010B Category 3 U/UTP Cable, plenum, white jacket, 50 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
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

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