2010B Category 3 U/UTP Cable, plenum, white jacket, 100 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
- 200

Jacket Color
- White

Pairs, quantity
- 100

Transmission Standards
- ANSI/TIA-568.2-D

Dimensions

Cable Length
- 304.8 m | 1000 ft

Diameter Over Jacket, nominal
- 20.574 mm | 0.81 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 | 665.209 kg/km | 447 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