2010B Category 3 U/UTP Cable, plenum, white jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

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  
Horizontal

Cable Type  
U/UTP (unshielded)

Conductor Type, singles  
Solid

Conductors, quantity  
8

Jacket Color  
White

Pairs, quantity  
4

Transmission Standards  
ANSI/TIA-568.2-D

Dimensions

Cable Length  
304.8 m  |  1000 ft

Diameter Over Jacket, nominal  
4.597 mm  |  0.181 in

Jacket Thickness  
0.457 mm  |  0.018 in

Conductor Gauge, singles  
24 AWG

Cross Section Drawing
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: 11.34 kg | 25 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 | 28.275 kg/km | 19 lb/kft |
| Packaging Type | WE TOTE® box |

Regulatory Compliance/Certifications

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<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
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<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
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