2010B Category 3 U/UTP Cable, plenum, slate 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
Slate

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
<table>
<thead>
<tr>
<th>Flame Test Method</th>
<th>CMP/FT6</th>
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<tbody>
<tr>
<td>Smoke Test Method</td>
<td>CMP/FT6</td>
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### Packaging and Weights

<table>
<thead>
<tr>
<th>Cable weight</th>
<th>28.275 kg/km</th>
<th>19 lb/kft</th>
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<tbody>
<tr>
<td>Packaging Type</td>
<td>WE TOTE® box</td>
<td></td>
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</table>

### Regulatory Compliance/Certifications

<table>
<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>
</tr>
<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>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant</td>
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