



760219626 | 2010B WH 100/24 R4000

CommScope® 2010B Category 3 U/UTP Cable, plenum, white jacket, 100 pair count, 4000 ft (1524 m) length, reel

Construction Materials

| | |
|---------------------|-------------|
| Jacket Material | PVC |
| Conductor Material | Bare copper |
| Insulation Material | PVC |

Dimensions

| | |
|------------------------|----------------------|
| Cable Length | 1219 m 4000 ft |
| Cable Length Tolerance | ±5% |
| Cable Weight | 447.00 lb/kft |
| Diameter Over Jacket | 20.574 mm 0.810 in |
| Jacket Thickness | 0.813 mm 0.032 in |

Electrical Specifications

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

Environmental Specifications

| | |
|--------------------------|-------------------------------------|
| Environmental Space | Plenum |
| Flame Test Method | CMP |
| Installation Temperature | 0 °C to +60 °C (+32 °F to +140 °F) |
| Operating Temperature | -20 °C to +60 °C (-4 °F to +140 °F) |
| Smoke Test Method | CMP |

General Specifications

| | |
|----------------------|--------------------|
| Cable Type | U/UTP (unshielded) |
| Pairs, quantity | 100 |
| Cable Component Type | Backbone |
| Packaging Type | Reel |
| Brand | CommScope® |
| Jacket Color | White |

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| | |
|--------------------------|--------|
| Product Number | 2010B |
| Conductor Gauge, singles | 24 AWG |
| Conductor Type, singles | Solid |
| Conductors, quantity | 200 |

Mechanical Specifications

| | |
|--------------------------|----------------|
| Pulling Tension, maximum | 68 kg 150 lb |
|--------------------------|----------------|

Regulatory Compliance/Certifications

| Agency | Classification |
|-----------------|--|
| RoHS 2011/65/EU | Compliant |
| ISO 9001:2008 | Designed, manufactured and/or distributed under this quality management system |

