RG 11 Type 60% Braid Plenum Video Coaxial Cable, white jacket, 1000 ft (305 m) reel

Product Classification

Portfolio: CommScope®
Product Type: Coaxial video cable
Regional Availability: Asia | Australia/New Zealand | EMEA | Latin America | North America

Construction Materials

Construction Type: Non-armored
Center Conductor Material: Copper-clad steel wire
Dielectric Material: Foam FEP
Shield (Braid) Coverage: 60 %
Shield (Braid) Gauge: 36 AWG
Shield (Braid) Material: Tinned copper
Shield (Tape) Material: Aluminum/Poly
Jacket Material: PVC

Dimensions

Cable Length: 305 m | 1000 ft
Cable Weight: 56.00 lb/kft
Diameter Over Center Conductor, specific: 0.0641 in per 1 strand
Diameter Over Dielectric: 7.0612 mm | 0.2780 in
Diameter Over Jacket Tolerance: ±0.008 in
Diameter Over Jacket, nominal: 8.407 mm | 0.331 in
Diameter Over Shield (Braid): 7.595 mm | 0.299 in
Diameter Over Shield (Tape): 7.214 mm | 0.284 in
Jacket Thickness: 0.432 mm | 0.017 in
Jacket Thickness, minimum spot: 0.305 mm | 0.012 in

Electrical Specifications

Capacitance: 52.5 pF/m | 16.0 pF/ft
Characteristic Impedance: 75 ohm
Characteristic Impedance Tolerance: ±3 ohm
Conductor dc Resistance: 11.00 ohms/kft
Dielectric Strength, conductor to shield: 4000 Vdc
Jacket Spark Test Voltage: 5000 Vac
Nominal Velocity of Propagation (NVP): 86 %
Shield dc Resistance: 3.50 ohms/kft
Structural Return Loss

15 dB @ 1000–3000 MHz   |   20 dB @ 5–1000 MHz

Structural Return Loss Test Method

100% Swept Tested

Environmental Specifications

Environmental Space

Plenum

Flame Test Method

CMP

Safety Standard

cETL | ETL

UL Temperature Rating

75 °C | 167 °F

General Specifications

Cable Type

Series 11

Jacket Color

White

Supported Application

Video

Product Number

2285V

Center Conductor Gauge

14 AWG

Center Conductor Type

Solid

Packaging Type

Reel

Mechanical Specifications

Minimum Bend Radius, loaded

20 times

Minimum Bend Radius, unloaded

10 times

Electrical Performance

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Attenuation (dB/100 m)</th>
<th>Attenuation (dB/100 ft)</th>
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<tr>
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<td>9.88</td>
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</table>

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system