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: 34 AWG  
Shield (Braid) Material: Aluminum  
Shield (Tape) Material: Aluminum/Poly  
Jacket Material: PVDF

Dimensions

Cable Length: 305 m | 1000 ft  
Cable Weight: 58.00 lb/kft  
Diameter Over Center Conductor, specific: 0.0641 in per 1 strand  
Diameter Over Dielectric: 7.1120 mm | 0.2800 in  
Diameter Over Jacket Tolerance: ±0.008 in  
Diameter Over Jacket, nominal: 8.915 mm | 0.351 in  
Diameter Over Shield (Braid): 7.899 mm | 0.311 in  
Diameter Over Shield (Tape): 7.366 mm | 0.290 in  
Jacket Thickness: 0.508 mm | 0.020 in  
Jacket Thickness, minimum spot: 0.406 mm | 0.016 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): 84%  
Shield dc Resistance: 6.90 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**: 125 °C | 257 °F

General Specifications
- **Cable Type**: Series 11
- **Jacket Color**: White
- **Supported Application**: Video
- **Product Number**: 2285K
- **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 (MHz)</th>
<th>Attenuation (dB/100 m)</th>
<th>Attenuation (dB/100 ft)</th>
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<tr>
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Regulatory Compliance/Certifications
- **Agency**: RoHS 2011/65/EU
  **Classification**: Compliant
- **ISO 9001:2015**: Designed, manufactured and/or distributed under this quality management system