



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

## Product Classification

<b>Regional Availability</b>	North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Coaxial video cable

## General Specifications

<b>Product Number</b>	2285V
<b>Cable Type</b>	Series 11
<b>Center Conductor Type</b>	Solid
<b>Construction Type</b>	Non-armored
<b>Jacket Color</b>	White
<b>Supported Application</b>	Video

## Dimensions

<b>Cable Length</b>	304.8 m   1000 ft
<b>Diameter Over Center Conductor, specific</b>	0.0641 in per 1 strand
<b>Diameter Over Dielectric</b>	7.061 mm   0.278 in
<b>Diameter Over Jacket, nominal</b>	8.407 mm   0.331 in
<b>Diameter Over Jacket Tolerance</b>	±0.008 in
<b>Diameter Over Shield (Braid)</b>	7.595 mm   0.299 in
<b>Diameter Over Shield (Tape)</b>	7.214 mm   0.284 in
<b>Jacket Thickness</b>	0.432 mm   0.017 in
<b>Jacket Thickness, minimum spot</b>	0.305 mm   0.012 in
<b>Center Conductor Gauge</b>	14 AWG
<b>Shield (Braid) Gauge</b>	36 AWG

## Electrical Specifications

<b>Capacitance</b>	52.493 pF/m   16 pF/ft
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<b>Characteristic Impedance</b>	75 ohm
<b>Characteristic Impedance Tolerance</b>	±3 ohm
<b>Conductor dc Resistance</b>	36.089 ohms/km   11 ohms/kft
<b>Dielectric Strength, conductor to shield</b>	4000 Vdc
<b>Jacket Spark Test Voltage</b>	5000 Vac
<b>Nominal Velocity of Propagation (NVP)</b>	86 %
<b>Shield dc Resistance</b>	11.483 ohms/km   3.5 ohms/kft
<b>Structural Return Loss</b>	15 dB @ 1000–3000 MHz   20 dB @ 5–1000 MHz
<b>Structural Return Loss Test Method</b>	100% Swept Tested

## Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
1.0	0.49	0.15
10.0	1.48	0.45
50.0	2.95	0.9
100.0	4.2	1.28
200.0	6.07	1.85
400.0	9.02	2.75
700.0	12.86	3.92
900.0	15.48	4.72
1000.0	16.53	5.04
1450.0	21.88	6.67
1800.0	25.29	7.71
2200.0	27.88	8.5
3000.0	32.41	9.88

## Material Specifications

<b>Center Conductor Material</b>	Copper-clad steel wire
<b>Dielectric Material</b>	Foam FEP
<b>Jacket Material</b>	PVC
<b>Shield (Braid) Coverage</b>	60 %
<b>Shield (Braid) Material</b>	Tinned copper
<b>Shield (Tape) Material</b>	Aluminum/Poly

## Mechanical Specifications

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<b>Minimum Bend Radius, loaded, times</b>	20 times
<b>Minimum Bend Radius, unloaded, times</b>	10 times

## Environmental Specifications

<b>Environmental Space</b>	Plenum
<b>Temperature Rating, UL</b>	75 °C   167 °F
<b>Flame Test Method</b>	CMP
<b>Safety Standard</b>	ETL   cETL

## Packaging and Weights

<b>Cable weight</b>	83.337 kg/km   56 lb/kft
<b>Packaging Type</b>	Reel

## Regulatory Compliance/Certifications

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

