

# 4101403/10 | 2285V WTRL RG11 60 1000



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

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   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

<b>Frequency (MHz)</b>	<b>Attenuation (dB/100 m)</b>	<b>Attenuation (dB/100 ft)</b>
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

