

# 4136903/10 | 2285K WHRL 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>	2285K
<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>	7.112 mm   0.28 in
<b>Diameter Over Jacket, nominal</b>	8.915 mm   0.351 in
<b>Diameter Over Jacket Tolerance</b>	±0.008 in
<b>Diameter Over Shield (Braid)</b>	7.899 mm   0.311 in
<b>Diameter Over Shield (Tape)</b>	7.366 mm   0.29 in
<b>Jacket Thickness</b>	0.508 mm   0.02 in
<b>Jacket Thickness, minimum spot</b>	0.406 mm   0.016 in
<b>Center Conductor Gauge</b>	14 AWG
<b>Shield (Braid) Gauge</b>	34 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>	84 %
<b>Shield dc Resistance</b>	22.638 ohms/km   6.9 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>	PVDF
<b>Shield (Braid) Coverage</b>	60 %
<b>Shield (Braid) Material</b>	Aluminum
<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>	125 °C   257 °F
<b>Flame Test Method</b>	CMP
<b>Safety Standard</b>	ETL   cETL

## Packaging and Weights

<b>Cable weight</b>	86.314 kg/km   58 lb/kft
<b>Packaging Type</b>	Reel

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system