

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

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

General Specifications

Product Number	2285K
Cable Type	Series 11
Center Conductor Type	Solid
Construction Type	Non-armored
Jacket Color	White
Supported Application	Video

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Center Conductor, specific	0.0641 in per 1 strand
Diameter Over Dielectric	7.112 mm 0.28 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 0.29 in
Jacket Thickness	0.508 mm 0.02 in
Jacket Thickness, minimum spot	0.406 mm 0.016 in
Center Conductor Gauge	14 AWG
Shield (Braid) Gauge	34 AWG

Electrical Specifications

Capacitance	52.493 pF/m 16 pF/ft
Characteristic Impedance	75 ohm
Characteristic Impedance Tolerance	±3 ohm

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Conductor dc Resistance	36.089 ohms/km 11 ohms/kft
Dielectric Strength, conductor to shield	4000 Vdc
Jacket Spark Test Voltage	5000 Vac
Nominal Velocity of Propagation (NVP)	84 %
Shield dc Resistance	22.638 ohms/km 6.9 ohms/kft
Structural Return Loss	15 dB @ 1000–3000 MHz 20 dB @ 5–1000 MHz
Structural Return Loss Test Method	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

Center Conductor Material	Copper-clad steel wire
Dielectric Material	Foam FEP
Jacket Material	PVDF
Shield (Braid) Coverage	60 %
Shield (Braid) Material	Aluminum
Shield (Tape) Material	Aluminum/Poly

Mechanical Specifications

Minimum Bend Radius, loaded, times	20 times
Minimum Bend Radius, unloaded, times	10 times

Environmental Specifications

Environmental Space	Plenum
Temperature Rating, UL	125 °C 257 °F
Flame Test Method	CMP
Safety Standard	ETL cETL

Packaging and Weights

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

Regulatory Compliance/Certifications

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

