4101303/10 | 2293V WHRL RG11 95 1000

RG 11 Type 95% 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	2293V
Cable Type	Series 11
Center Conductor Type	Solid
Construction Type	Non-armored
Jacket Color	White

Dimensions

Cable Length	304.8 m | 1000 ft
Diameter Over Center Conductor, specific	0.0641 in per 1 strand
Diameter Over Dielectric	7.061 mm | 0.278 in
Diameter Over Jacket, nominal	8.788 mm | 0.346 in
Diameter Over Jacket Tolerance	±0.008 in
Diameter Over Shield (Braid)	7.849 mm | 0.309 in
Diameter Over Shield (Tape)	7.214 mm | 0.284 in
Jacket Thickness	0.457 mm | 0.018 in
Jacket Thickness, minimum spot	0.305 mm | 0.012 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

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Characteristic Impedance Tolerance	±3 ohm
Conductor dc Resistance	9.514 ohms/km | 2.9 ohms/kft
Dielectric Strength, conductor to shield	4000 Vdc
Jacket Spark Test Voltage	5000 Vac
Nominal Velocity of Propagation (NVP)	86 %
Structural Return Loss	15 dB @ 1500–3000 MHz | 20 dB @ 10–1500 MHz
Structural Return Loss Test Method	100% Swept Tested

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
1.0	0.3	0.09
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	21.06	6.42
1800.0	23.68	7.22
2200.0	25.55	7.79
2500.0	27.22	8.3
3000.0	30.24	9.22

Material Specifications

Center Conductor Material	Bare copper
Dielectric Material	Foam FEP
Jacket Material	PVC
Shield (Braid) Coverage	95 %
Shield (Braid) Material	Tinned copper
Shield (Tape) Material	Aluminum/Poly, bonded

Mechanical Specifications

Minimum Bend Radius, loaded, times	20 times

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Minimum Bend Radius, unloaded, times	10 times

Environmental Specifications

Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Plenum
Temperature Rating, UL	75 °C | 167 °F
Flame Test Method	CMP
Safety Standard	ETL | cETL

Packaging and Weights

Cable weight	110.124 kg/km | 74 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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