4101204/10 | 2287V WTRL RG11 QD 1000



RG 11 Type Quad Shield 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 2287V

Cable Type Series 11

Center Conductor Type Solid

Construction Type Non-armored

Jacket ColorWhiteSupported ApplicationVideo

Dimensions

Cable Length304.8 m | 1000 ftDiameter Over Center Conductor, specific0.0641 in per 1 strandDiameter Over Dielectric7.061 mm | 0.278 inDiameter Over Inner Shield (Braid)7.595 mm | 0.299 inDiameter Over Inner Shield (Tape)7.214 mm | 0.284 in

Diameter Over Jacket Tolerance ±0.008 in

Diameter Over Jacket, nominal9.042 mm0.356 inDiameter Over Outer Shield (Braid)8.204 mm0.323 inJacket Thickness0.432 mm0.017 inJacket Thickness, minimum spot0.305 mm0.012 in

Center Conductor Gauge14 AWGInner Shield (Braid) Gauge36 AWGOuter Shield (Braid) Gauge36 AWG

Electrical Specifications

Capacitance 52.493 pF/m | 16 pF/ft

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75 ohm **Characteristic Impedance** ±3 ohm **Characteristic Impedance Tolerance**

Conductor dc Resistance 36.089 ohms/km | 11 ohms/kft

Dielectric Strength, conductor to shield 4000 Vdc 2500 Vac **Jacket Spark Test Voltage** Nominal Velocity of Propagation (NVP) 86 %

Shield dc Resistance 5.577 ohms/km | 1.7 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 ft)
1.0	0.15
10.0	0.45
50.0	0.9
100.0	1.28
200.0	1.85
400.0	2.75
700.0	3.92
900.0	4.72
1000.0	5.04
1450.0	6.67
1800.0	7.71
2200.0	8.5
3000.0	9.88

Material Specifications

Center Conductor Material Copper-clad steel wire

Dielectric Material Foam FEP

Jacket Material PVC 60 % Inner Shield (Braid) Coverage

Inner Shield (Braid) Material Tinned copper Inner Shield (Tape) Material Aluminum/Poly

Outer Shield (Braid) Coverage 50 %



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Outer Shield (Braid) Material Tinned copper

Outer Shield (Tape) Material Aluminum/Poly, non-bonded

Mechanical Specifications

Minimum Bend Radius, loaded, times20 timesMinimum Bend Radius, unloaded, times10 times

Environmental Specifications

Environmental Space Plenum

Temperature Rating, UL $75 \,^{\circ}\text{C} \, \mid \, 167 \,^{\circ}\text{F}$

Flame Test Method CMP

Safety Standard ETL | cETL

Packaging and Weights

Cable weight 102.683 kg/km | 69 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



