Product Specifications





4101204/10 | 2287V WTRL RG11 QD 1000

RG 11 Type Quad Shield Plenum Video Coaxial Cable, white jacket, 1000 ft (305 m) reel

Construction Materials

Construction Type Non-armored

Center Conductor Material Copper-clad steel wire

Dielectric Material Foam FEP
Inner Shield (Braid) Coverage 60 %
Inner Shield (Braid) Gauge 36 AWG
Inner Shield (Braid) Material Tipped cov

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

Outer Shield (Braid) Coverage 50 %
Outer Shield (Braid) Gauge 36 AWG
Outer Shield (Braid) Material Tinned copper

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

Jacket Material PVC

Dimensions

Cable Length 305 m | 1000 ft

Cable Weight 69.00 lb/kft

Diameter Over Center Conductor 1.6281 mm per 1 strand 0.0641 in per 1 strand

Diameter Over Dielectric 7.0612 mm | 0.2780 in Diameter Over Inner Shield (Tape) 7.214 mm | 0.284 in Diameter Over Jacket 9.042 mm | 0.356 in

Diameter Over Jacket Tolerance ±0.008 in

Jacket Thickness0.432 mm0.017 inJacket Thickness, minimum spot0.305 mm0.012 inDiameter Over Inner Shield (Braid)7.595 mm0.299 inDiameter Over Outer Shield (Braid)8.204 mm0.323 in

Electrical Specifications

Capacitance 52.5 pF/m | 16.0 pF/ft

Characteristic Impedance 75 ohm
Characteristic Impedance Tolerance ±3 ohm

Conductor dc Resistance 11.00 ohms/kft

Dielectric Strength, conductor to shield 4000 Vdc

Jacket Spark Test Voltage 2500 Vac

Nominal Velocity of Propagation (NVP) 86 %

Shield dc Resistance 1.70 ohms/kft

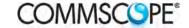
Structural Return Loss 15 dB @ 1000-3000 MHz | 20 dB @ 5-1000 MHz

Structural Return Loss Test Method 100% Swept Tested

Environmental Specifications

Environmental Space Plenum Flame Test Method CMP

Product Specifications



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Safety Standard CETL | ETL UL Temperature Rating 75 °C | 167 °F

General Specifications

Application Video
Cable Type Series 11
Jacket Color White
Product Number 2287V
Center Conductor Gauge 14 AWG
Center Conductor Type Solid
Packaging Type Reel

Mechanical Specifications

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

Electrical Performance

Frequency	Attenuation (dB/100 ft)	
1 MHz	0.15	
10 MHz	0.45	
50 MHz	0.90	
100 MHz	1.28	
200 MHz	1.85	
400 MHz	2.75	
700 MHz	3.92	
900 MHz	4.72	
1000 MHz	5.04	
1450 MHz	6.67	
1800 MHz	7.71	
2200 MHz	8.50	
3000 MHz	9.88	

Regulatory Compliance/Certifications

AgencyRoHS 2011/65/EU

Classification
Compliant

ISO 9001:2008 Designed, manufactured and/or distributed under this quality management system

