



4130103/10 | 2286V WTRL RG11 95 1000

RG 11 Type 95% Braid Plenum Security Coaxial Cable, white jacket, 1000 ft (305 m) reel

Construction Materials

Construction Type	Non-armored
Center Conductor Material	Bare copper
Dielectric Material	Foam FEP
Shield (Braid) Coverage	95 %
Shield (Braid) Gauge	34 AWG
Shield (Braid) Material	Bare copper
Jacket Material	PVC

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	76.00 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 Jacket	8.661 mm 0.341 in
Diameter Over Jacket Tolerance	±0.006 in
Diameter Over Shield (Tape)	7.747 mm 0.305 in
Jacket Thickness	0.457 mm 0.018 in
Jacket Thickness, minimum spot	0.305 mm 0.012 in

Electrical Specifications

Capacitance	52.5 pF/m 16.0 pF/ft
Characteristic Impedance	75 ohm
Characteristic Impedance Tolerance	±3 ohm
Conductor dc Resistance	2.90 ohms/kft
Dielectric Strength, conductor to shield	4000 Vdc
Jacket Spark Test Voltage	5000 Vac
Nominal Velocity of Propagation (NVP)	84 %
Shield dc Resistance	2.50 ohms/kft
Structural Return Loss	20 dB @ 10–300 MHz
Structural Return Loss Test Method	100% Swept Tested

Environmental Specifications

Environmental Space	Plenum
Flame Test Method	CMP
Safety Standard	cETL ETL
UL Temperature Rating	75 °C 167 °F

General Specifications

Application	Security/CCTV
Cable Type	Series 11

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Jacket Color	White
Product Number	2286V
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	0.09
10 MHz	0.43
50 MHz	1.07
100 MHz	1.48
200 MHz	2.15
400 MHz	3.24
700 MHz	4.67
900 MHz	5.46
1000 MHz	5.83
1450 MHz	7.49
1800 MHz	8.49

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

