



...competitive technologies
with compelling value

RG11UP Series Plenum RG-11 Coaxial Cable

Available with a copper covered steel or
solid copper center conductor

Cable Type: Series 11 Type Coaxial Drop Cable
Impedance: 75 Ohms

Center Conductor

Material: RG11UP-RL-* Copper Clad Steel
RG11UP-RL-*-BC Solid Copper
Diameter: 14 AWG (1.625mm +/-0.016mm)



Dielectric

Material: FEP (Fluorinated Ethylene Propylene)
Diameter: 7.11mm +/-0.1mm

First Outer Conductor, Aluminum Foil

Material: Aluminum Mylar Bonded to Dielectric

Second Outer Conductor, 60% Aluminum Braid

Material: 34 AWG Aluminum Wire
Braid Coverage: 60%

Jacket

Material: Plenum Polyvinylchloride (PVC), CMP, UL Listed, White
Diameter: 8.9mm +/-0.2mm

Finished Product

Impedance: 75+/-3 Ohms
Velocity Ratio: 84%
Capacitance: 16pF/ft. Nominal
Spark Test: 5,000V
Dielectric Strength: 4,000VDC
SRL: 20 dB @ 1-1,000 MHz
Center Conductor DCR: 11 Ohms/1,000' Copper Clad Center
2.9 Ohms/1,000' Solid Copper Center
Operating Temperature: -4°F - 167°F
Swept Tested To: 3 GHz
Wooden spool
Footage Marked

Typical Attenuation In Decibels / 100 ft. At 68 Degrees Fahrenheit

Frequency MHz	dB Loss Per 100 ft.
1	0.15
10	0.45
50	0.90
100	1.28
200	1.85
400	2.75
700	3.92
900	4.72
1000	5.04
1450	6.67
1800	7.71
2200	8.80
3000	11.00

Ordering Information:

RG11UP-RL-500 RG-11, Plenum Rated, copper clad steel center conductor, 500' spool, white jacket

RG11UP-RL-1000 RG-11, Plenum Rated, copper clad steel center conductor, 1,000' spool, white jacket

RG11UP-RL-500BC RG-11, Plenum Rated, solid copper center conductor, 500' spool, white jacket

RG11UP-RL-1000BC RG-11, Plenum Rated, solid copper center conductor, 1,000' spool, white jacket

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