



...competitive technologies
with compelling value

RG6UP Series Plenum RG-6 Coaxial Cable

Cable Type: Series 6 Type Coaxial Drop Cable
Impedance: 75 Ohms

Center Conductor

Material: Copper Clad Steel
Diameter: 18 AWG (0.040 Inches, 1.02 +/-0.01mm)

Dielectric

Material: Foam FEP (Fluorinated Ethylene Propylene)
Diameter: 0.170 Inches (4.23 +/-0.15mm)

First Outer Shield, Aluminum Foil

Material: Aluminum Poly Tape Bonded to Dielectric

Second Outer Shield, 60% Aluminum Braid

Material: 34 AWG Aluminum Wire
Braid Coverage: 60%
Diameter: 0.200 Inches +/-0.006 Inches (5.08 +/-0.15mm)

Jacket

Material: Plenum Polyvinylchloride (PVC), CMP, UL Listed, White
Diameter: 0.232 Inches +/-0.006 Inches (5.90 +/-0.15mm)
Jacket Thickness: 0.015 Inches (0.38mm)
Minimum Spot: 0.012 Inches (0.30mm)

Finished Product

Impedance: 75+/-3 Ohms
Velocity Ratio: 84%
Capacitance: 16pF/ft. Nominal
Spark Test: 2,500V
Dielectric Strength: 2,500VDC
SRL: 20 dB @ 1-3,000 MHz
Center Conductor DCR: 28.6 Ohms/1,000'
Operating Temperature: -4°F - 167°F
100% Swept Tested
Swept Tested To 3 GHz
Footage Marked



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

Freq. MHz	Loss Per 100 ft.
1	0.50
10	0.94
50	1.75
100	2.60
200	3.80
400	5.50
700	7.60
900	8.90
1000	9.30
1200	10.60
1450	12.00
1800	13.60
2200	14.80
3000	18.00

Ordering Information:

RG6UP-RL-1000 RG-6, Plenum Rated, copper clad steel
center conductor, 1000' spool, white jacket

RG6UP-RB-500 RG-6, Plenum Rated, copper clad steel
center conductor, 500' reel-box, white jacket

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