

RG6QPWH1

Plenum RG-6 Quad Shield Coaxial Cable

Cable Type: Series 6 Quad Shield Plenum Coaxial Drop Cable
Impedance: 75 Ohms

Center Conductor

Material: Copper Clad Steel
 Diameter: 18 AWG (0.040 Inches)

Dielectric

Material: Foam FEP (Fluorinated Ethylene Propylene)
 Diameter: 0.170 Inches

First Outer Conductor, Aluminum Foil

Material: Aluminum Poly Tape Bonded to Dielectric

Second Outer Conductor, 60% Aluminum Braid

Material: Aluminum
 Diameter: 0.20 Inches
 Braid Coverage: 60%

Third Outer Conductor, Aluminum Foil

Material: Aluminum Poly Tape Bonded to Dielectric

Fourth Outer Conductor, 40% Aluminum Braid

Material: Aluminum
 Diameter: 0.228 Inches
 Braid Coverage: 40%

Jacket

Material: Plenum Polyvinylchloride (PVC), CMP, UL Listed, White
 Nom. Jacket Thickness: 0.013 Inches
 Jacket Diameter: 0.260 Inches

Finished Product

Impedance: 75+/-3 Ohms
 Velocity Ratio: 84%
 Capacitance: 15.5pF/ft. Nominal
 Center Conductor DCR: 28.6 Ohms/1,000' @ 20°C
 Operating Temperature: -4°F - 140°F
 Swept Tested To 3 GHz
 CMP NEC Rating
 RoHS Compliant
 1,000' Pull Box
 35 lbs / 1,000'

Ordering Information:

RG6PWH1 RG-6, Quad Shielded, Plenum Rated,
 copper clad steel center conductor,
 1,000' pull box, white jacket



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

Freq. MHz	Loss Per 100 ft.
1	0.40
10	0.92
50	1.60
100	2.20
200	3.00
400	4.33
700	6.25
900	7.30
1000	7.90
1200	8.40
1450	9.70
1800	11.00
2200	12.00
3000	14.00