



RG-6 COAXIAL CABLE



Description 18 gauge (1.02mm) copper clad steel center conductor; gas expanded polyethylene dielectric; inner shield aluminum foil overlap bonded to dielectric; outer shield of bare aluminum braid wire; jacket of PVC

Physical Dimensions

Center Conductor	1.02 ± 0.01mm Copper Clad Steel
Dielectric	4.57 ± 0.05mm Foam PE
Shield	Bonded AL Foil 100%
Braid Coverage	60% x 16 x 4 x 0.16 ± 0.005mm AL Wire
Jacket	6.91 ± 0.05mm PVC

Mechanical Characteristics

Operating Temperature Range	20°C to +75°C
Max. Recommended Pull Tension	20.412 kg
Min. Bend Radius (Install)	0.7620 mm

Electrical Characteristics

Sparker Test	4000VAC
Impedance	75±3Ω
Capacitance	54±3pF/m
Velocity of Propagation	85%
SRL	20dB (5-1000MHz)

Attenuation

Attenuation		[@68°F (20°C)]	
Frequency (MHz)	Max. (dB/100 ft)	Frequency (MHz)	Max. (dB/100 ft)
5	0.58	450	4.30
10	0.70	550	4.83
40	1.37	600	4.93
50	1.48	700	5.60
100	2.01	750	5.66
200	2.86	860	5.90
350	3.79	900	6.20
400	4.23	1000	6.57

Marking or Printing on Jacket:

RG-6U Coaxial Cable 75 Ohm
PHILFLEX 001M – 300M

Packing

300 M/Plastic Reel, 1 Reels/Pull Easy Box
Plastic Reel Size: 10 x 30.2 x 27.5 cm
Box Size: 32.5 x 32.5 x 32.5 cm



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