Coaxial Cable

RG59 Plus Power cords

Construction

RG59	Material	Diameter (mm)
Inner Conductor	Bare Copper	0.70
Dielectric	Foam PE	3.70
First Shield	Bonded AL/P Foil	3.84
Second Shield	Aluminum wire	16x3x0.12
Jacket	PVC (Black)	6.10+/-0.1
Power cords- 2 Core		
Conductor	Stranded bare copper	2x(24x0.15)
Insulation	HDPE (Black+Red)	2x2.0
Jacket	PVC	2x5.6

*RG59 and Power cords are siamese construction.

Electrical Characteristics

Capacitance (pF/m)	52+/-2
Impedance (Ω)	75+/-3
Velocity of Propagation (%)	85.0
Return Loss (dB) 5-1000 MHz	⩾ 20
Screening Effectiveness 5-1000 MHz	⩾ 70

Attenuation (20 ℃)

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
5.0	0.8	2.5
10.0	0.9	2.8
50.0	2.0	6.5
100.0	2.7	8.9
200.0	3.9	12.8
400.0	5.6	18.5
700.0	7.0	22.9
900.0	8.2	26.8
1000.0	8.6	28.2