

RG223 Coax Cable

Construction Parameters

Inner Conductor	1/0.90±0.01mm Silver Plated Copper
Dielectric	2.95 ±0.05mm PE
Shield 1	16×7×0.12mm Silver Plated Copper Density of braiding: 95% ± 3%
Shield 2	16×7×0.12mm Silver Plated Copper Density of braiding: 94.2% ± 3%
Jacket	5.30±0.10mm PVC Black
Standard	MIL-C-17

Electrical Characteristics

Capacitance	101±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	66%
Max Operating Voltage	1900 VMS
Max Operating Frequency	12400 MHz

Mechanical and Environmental Properties

Cable bend radius	25 mm
Operating Temp Range	-40 °C to 80°C
Installation Temp Range	-5 °C to 20°C

Attenuation (20°C)

Frequency (MHZ)	Max Attenuation (dB/100m)
100	14.40
400	29.50
1000	48.20
3000	88.30
5000	118.40
11000	189.90

