



Flexible Coaxial Cable
75 Ω

RG-11



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Copper clad steel (CSS)	1.63 mm ± 0.02 mm
Dielectric	FPE	7.24 mm ± 0.02 mm
Outer Shield	Aluminum (tape + braid)	192/0.12mm AL
Jacket	PVC (PolyVinyl Chloride)	10.00 mm ± 0.3 mm

Electrical Data

Impedance	75 Ω ± 3
Frequency	DC to 2.4 GHz
Capacitance	53 pF/m ± 3 @ 1kHz
Velocity of signal propagation	66 %
Signal delay	5.03 ns/m
Insulation resistance	≥ 1 × 10 ⁸ MΩ/m
Operating voltage	≤ 5 kVrms (@ sea level)

Mechanical Data

Weight	N/A
Min. bending radius	55 mm (Static) 100 mm (Dynamic)

Environmental Data

Temperature range	-25°C to +85°C
Installation temperature	-20°C to +60°C
RoHS (2011/65/EU)	compliant

Typical Attenuation

Frequency (GHz)	Typical Attenuation (dB/m) @ 20 °C sea level	Typical Attenuation (dB/ft) @ 20 °C sea level	Max. CW power (Watt) @ 20 °C sea level
0.09	0.04	0.01	-
0.22	0.06	0.02	-
0.37	0.08	0.02	-
0.55	0.09	0.03	-
0.85	0.12	0.04	-
1.0	0.13	0.04	-
1.5	0.17	0.05	-
1.8	0.18	0.06	-
2.4	0.22	0.07	-