

**Flexible Coaxial Cable  
75 Ω - PE - Single Shielding**
**RG-11A/U**

**Material And Diameter**

Connector parts	Material	Diameter
Inner Conductor	Copper, Tin plated (Stranded )	1.20 mm
Dielectric	PE (Polyethylene)	7.25 mm
Outer Shield	Copper	8.10 mm
Jacket	PVC II (PolyVinyl Chloride)	10.30 mm

**Electrical Data**

Impedance	75 Ω ± 3
Frequency	DC to 1 GHz
Capacitance	67 pF/m
Velocity of signal propagation	66 %
Signal delay	5.03 ns/m
Insulation resistance	≥ 1 × 10 <sup>8</sup> MΩ/m
Operating voltage	≤ 5 kVrms (@ sea level)

**Mechanical Data**

Weight	133 g/m
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) @ 25 °C sea level	Typical Attenuation (dB/ft) @ 25 °C sea level	Max. CW power (Watt) @ 40 °C sea level
0.1	0.06	0.02	904
0.4	0.13	0.04	452
0.9	0.21	0.06	301
1	0.22	0.07	286