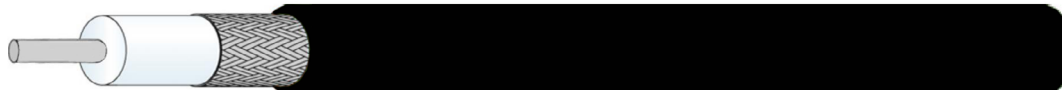


Flexible Coaxial Cable 75 Ω - PE - Single Shielding

RG-59B/U



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Steel, Copper plated	0.58 mm
Dielectric	PE (Polyethylene)	3.64 mm
Outer Shield	Copper	4.50 mm
Jacket	PVC II (PolyVinyl Chloride)	6.10 mm

Electrical Data

Impedance	75 Ω ± 1.5
Frequency	DC to 1 GHz
Capacitance	67 pF/m
Velocity of signal propagation	66 %
Signal delay	5.07 ns/m
Insulation resistance	≥ 1 × 10 ⁸ MΩ/m
Screening effectiveness	≥ 40 dB (up to 1 GHz)
Operating voltage	≤ 3 kVrms (@ sea level)

Mechanical Data

Weight	50 g/m
Min. bending radius	35 mm (Static) 65 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	0.11	0.03	319
0.4	0.22	0.07	160
0.9	0.35	0.11	106
1	0.37	0.11	101