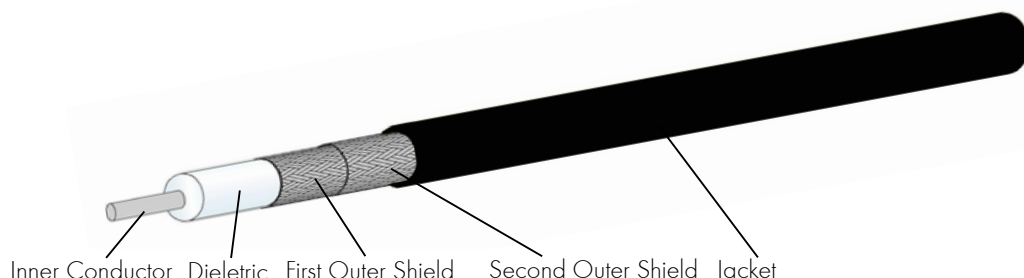




RG223/U Coaxial Cable, 50Ω, 6 GHz, 85 °C, ø5.35 mm, PVC jacket

RG-223 / U



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Solid silver-plated copper	0.94 mm (.037 inch)
Dielectric	PTFE	2.98 mm (.117 inch)
First Outer Shield	Silver-plated copper wire braid	3.45 mm (.136 inch)
Second Outer Shield	Silver-plated copper wire braid	3.95 mm (.156 inch)
Jacket	PVC	5.35 mm (.211 inch)

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
Capacitance	98 pF/m
Velocity of signal propagation	70 %
Signal delay	4.7 ns/m
Screening effectiveness	> 70 dB (up to 1 GHz)
Voltage with stand(AC)	1.4(1 min) (kVrms)

Mechanical Data

Weight	65 g/m
Min. bending radius	30 mm (Static)
	54 mm (Dynamic)

Environmental Data

Temperature range	-40 °C to +85 °C
Operating temperature range	-40 °C to +105 °C
RoHS	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
0.1	0.13	0.04	2350
0.4	0.27	0.08	1050
1.0	0.46	0.14	600
1.8	0.63	0.19	430
2.4	0.72	0.22	350
3.0	0.92	0.28	310
5.0	1.26	0.38	250
6.0	1.42	0.43	200