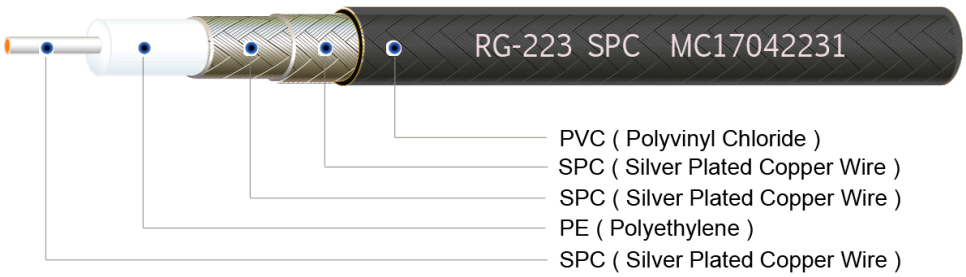
RG-223 *Flexible Coaxial Cable - Double Braid*



Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	0.90 mm (0.035 inch)	Silver Plated Copper Wire
Dielectric	PE	2.95 mm (0.116 inch)	Polyethylene
Inner Shield	SPC	3.60 mm (0.142 inch)	Silver Plated Copper Wire
Outer Shield	SPC	4.20 mm (0.165 inch)	Silver Plated Copper Wire
Jacket	PVC	5.40 mm (0.213 inch)	Black Color

Electrical & Mechanical Data

Impedance	50 Ω
Max. Frequency Range	6.0 GHz
Velocity of Propagation	66 %
Capacitance	101 pF/m (30.8 pF/ft)
Operating Temperature	- 40 ℃ ~ 85 ℃
Max. Operating Voltage	1,900 Vrms
Min. Bending Radius (Single)	25 mm

Attenuation

Frequency (MHz)	Nom. Attenuation (dB/100m)	(dB/100ft)
50 MHz	9.2	2.8
100 MHz	13.5	4.1
200 MHz	19.4	5.9
400 MHz	27.9	8.5
500 MHz	37.1	11.3
900 MHz	44.9	13.7
1,500 MHz	60.0	18.3
2,000 MHz	70.5	21.5
3,000 MHz	84.6	25.8