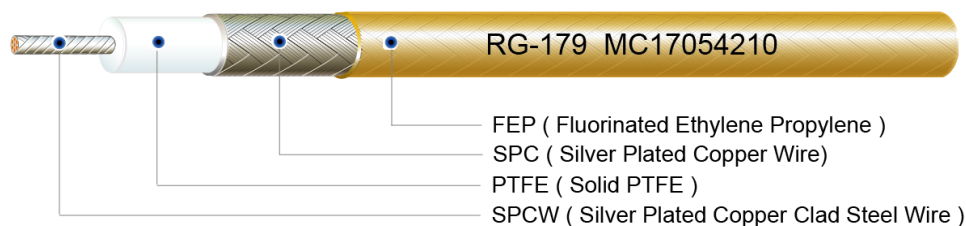


RG-179 75 Ω

Flexible Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.31 mm (0.012 inch)	Stranded (7/0.102)
Dielectric	PTFE	1.60 mm (0.063 inch)	Solid
Shield	SPC	2.00 mm (0.079 inch)	Braid
Jacket	FEP	2.54 mm (0.100 inch)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	75 Ω
Operating Frequency	3 GHz (Max.)
Velocity of Propagation	70 %
Capacitance	64 pF/m
Operating Temperature	- 55 $^{\circ}$ C ~ 200 $^{\circ}$ C
Working Voltage	900 Vrms (Max.)
Weight	14.8 kg / km
Min. Bending Radius	15 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.05	0.19	0.058
0.10	0.27	0.082
0.40	0.56	0.171
0.50	0.63	0.192
0.80	0.81	0.247
1.00	0.92	0.280
2.00	1.42	0.433