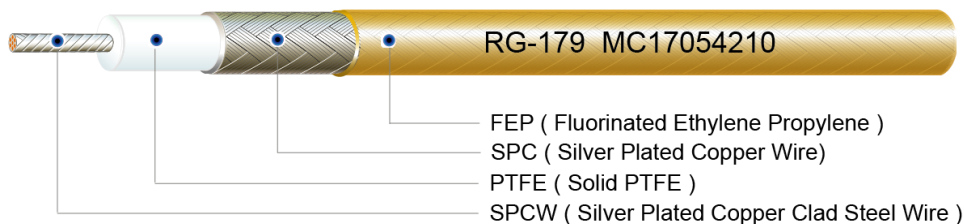


# RG-179



## 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 $\Omega$
Operating Frequency	3 GHz ( Max. )
Velocity of Propagation	70 %
Capacitance	64 pF/m
Operating Temperature	- 55°C ~ 200°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