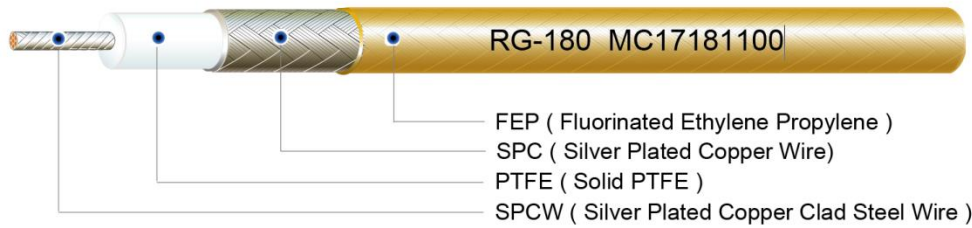


# RG-180



## Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.31 mm ( 0.012 inch )	Stranded ( 7/0.102 )
Dielectric	PTFE	2.60 mm ( 0.102 inch )	Solid
Shield	SPC	3.15 mm ( 0.124 inch )	Braid
Jacket	FEP	3.60 mm ( 0.142 inch )	Light Brown

## Electrical & Mechanical Data

Characteristic Impedance	95 $\Omega$
Operating Frequency	3 GHz ( Max. )
Velocity of Propagation	70 %
Capacitance	50 pF/m
Operating Temperature	- 55°C ~ 200°C
Working Voltage	1,000 Vrms ( Max. )
Weight	27.3 kg / km
Min. Bending Radius	20 mm ( Single )

## Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.1	0.21	0.064
0.4	0.43	0.131
0.9	0.65	0.198
1.2	0.76	0.232
1.8	0.94	0.287
2.0	0.99	0.302
2.5	1.11	0.338