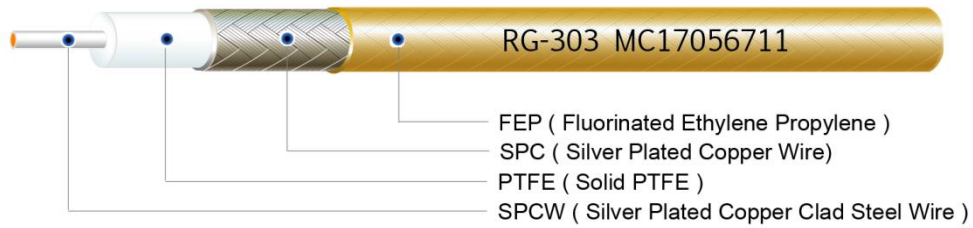


# RG-303



## Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.94 mm ( 0.037 inch )	Solid
Dielectric	PTFE	2.95 mm ( 0.116 inch )	Solid
Shield	SPC	3.53 mm ( 0.139 inch )	Braid
Jacket	FEP	4.30 mm ( 0.169 inch )	Light Brown

## Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	3.0 GHz ( Max. )
Velocity of Propagation	70 %
Capacitance	94 pF/m
Operating Temperature	- 55°C ~ 200°C
Working Voltage	1,400 Vrms ( Max. )
Weight	45.1 kg / km
Min. Bending Radius	25 mm ( Single )

## Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.1	0.12	0.037
0.4	0.24	0.073
1.0	0.38	0.116
1.5	0.47	0.143
2.0	0.54	0.165
2.5	0.61	0.186
3.0	0.66	0.201