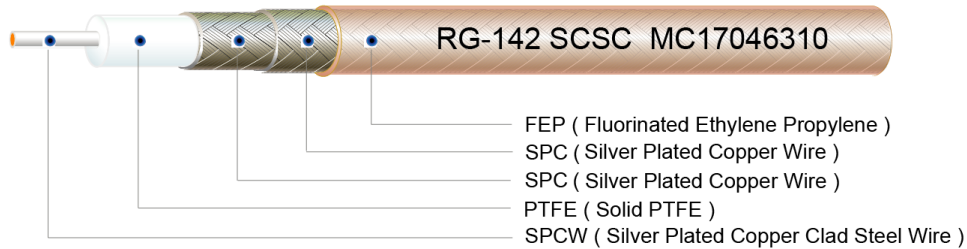


RG-142 B/U



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.94 mm (0.037 inch)	Solid
Dielectric	PTFE	2.95 mm (0.116 inch)	Solid
Inner Shield	SPC	3.60 mm (0.142 inch)	Braid
Outer Shield	SPC	4.25 mm (0.167 inch)	Braid
Jacket	FEP	4.95 mm (0.195 inch)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	12.4 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	95 pF/m
Operating Temperature	- 55 °C ~ 200 °C
Working Voltage	2,500 Vrms (Max.)
Weight	64.0 kg / km
Min. Bending Radius	30 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.1	0.13	0.040
0.5	0.31	0.094
1.0	0.45	0.137
3.0	0.87	0.265
5.0	1.20	0.366
6.0	1.36	0.415
12.4	2.78	0.847