

SF-141 PVC Jacket

Hand Formable Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.94 mm (0.037 inch)	Solid
Dielectric	PTFE	2.95 mm (0.116 inch)	Solid
Outer Conductor	Tin Plated Copper Braid & Tin Soaked	3.58 mm (0.141 inch)	100% Coverage Blue, Orange,
Jacket	PVC	4.60 mm (0.181 inch)	White, Red, Yellow

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	70 %
Capacitance	96.4 pF/m
Operating Temperature	- 40 °C ~ 165 °C
Shield Effectiveness	> -110 dB
Working Voltage	1,900 Vrms (Max.)
Weight	44.0 kg / km
Min. Bending Radius	8 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.5	0.26	0.079
1	0.39	0.119
3	0.69	0.210
5	0.95	0.290
10	1.48	0.451
15	1.97	0.600
18	2.23	0.680
20	2.30	0.701