

SF-171 SPC PVC Jacket**Hand Formable Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	SPC	1.20 mm (0.047 inch)	Solid
Dielectric	PTFE	3.80 mm (0.149 inch)	Solid
Outer Conductor	Tin Plated Copper Braid & Tin Soaked	4.35 mm (0.171 inch)	100% Coverage
Jacket	PVC	5.05 mm (0.199 inch)	Black

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	18 GHz (Max.)
Velocity of Propagation	70 %
Capacitance	94 pF/m
Operating Temperature	- 40 °C ~ 165 °C
Shield Effectiveness	> -110 dB
Working Voltage	2,500 Vrms (Max.)
Weight	65.0 kg / km
Min. Bending Radius	20 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.4	0.20	0.061
0.9	0.30	0.091
2.0	0.44	0.134
3.0	0.59	0.180
5.0	0.79	0.241
10.0	1.20	0.366
18.0	1.72	0.524