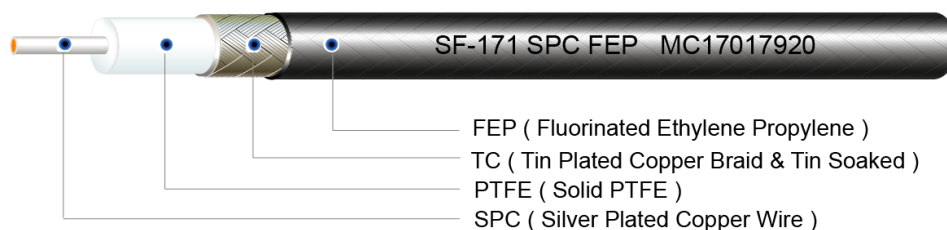


SF-171 SPC FEP Jacket

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 Blue, Orange,
Jacket	FEP	5.05 mm (0.199 inch)	White, Red, Yellow

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