

SF-250 SPC FEP Jacket**Hand Formable Coaxial Cable**

FEP (Fluorinated Ethylene Propylene)
 TC (Tin Plated Copper Braid & Tin Soaked)
 PTFE (Solid PTFE)
 SPC (Silver Plated Copper Wire)

Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	1.63 mm (0.064 inch)	Solid
Dielectric	PTFE	5.31 mm (0.209 inch)	Solid
Outer Conductor	Tin Plated Copper Braid & Tin Soaked	6.35 mm (0.250 inch)	100% Coverage
Jacket	FEP	6.80 mm (0.268 inch)	Blue

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	18 GHz (Max.)
Velocity of Propagation	70 %
Capacitance	96.4 pF/m
Operating Temperature	- 65 °C ~ 165 °C
Shield Effectiveness	> -110 dB
Working Voltage	3500 Vrms (Max.)
Weight	130.0 kg / km
Min. Bending Radius	30 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.4	0.15	0.046
1	0.25	0.076
3	0.52	0.158
10	1.08	0.329
15	1.30	0.396
18	1.55	0.472