

SF-085_75Ω NJ**Hand Formable Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.29 mm (0.011 inch)	Solid
Dielectric	PTFE	1.65 mm (0.065 inch)	Solid
Outer Conductor	Tin Plated Copper Braid & Tin Soaked	2.16 mm (0.085 inch)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	75 Ω
Operating Frequency	18 GHz (Max.)
Velocity of Propagation	71%
Capacitance	62 pF/m
Operating Temperature	- 40 °C ~ 165 °C
Shield Effectiveness	> - 110 dB
Working Voltage	1500 Vrms (Max.)
Weight	18.0 kg / km
Min. Bending Radius	6 mm (Single)

Attenuation

Frequency (MHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
1	0.05	0.015
50	0.13	0.040
100	0.20	0.061
400	0.42	0.128
700	0.59	0.180
1000	0.72	0.220