

SF 086-50 Specification

Size

Item	Material	Diameter (mm)
Center conductor	Silver plated copper wire	0.56
Dielectric	PTFE	1.70
Outer braid	Tin-soaked-tin plated copper	2.20

Electronics

Capacitance (pF/m)	94
Impedance (ohm)	50 ± 2
Velocity of signal propagation (%)	70
Delay (ns/m)	4.8
Working voltage max. (kV rms)	1.5
Shielding effectiveness (dB)	<-110

20°C attenuation and power

Frequency (MHz)	Attenuation (dB/100m)	Average Power (W)
400	43	253
1000	70	157
1800	97	116
2000	102	110
2400	113	100
3000	127	89
5000	172	69
10000	249	47
18000	346	33

Mechanical and Environmental

Minimum bend radius , single bend (mm)	6
Minimum bend radius , dynamic use (mm)	25
Flame resistance	IEC 60332-3-24
RoHS	Meet RoHS requirement
Temperature (°C)	-25/+80
Weight (kg/km)	21