

## SF 141-50 Specification

### Size

Item	Material	Diameter (mm)
Center conductor	Silver plated copper wire	0.94
Dielectric	PTFE	2.95
Outer braid	Tin-soaked-tin plated copper	3.60

### Electronics

Capacitance (pF/m)	94
Impedance (ohm)	$50 \pm 2$
Velocity of signal propagation (%)	70
Delay (ns/m)	4.8
Working voltage max. (kV rms)	2.5
Shielding effectiveness (dB/m)	<-110

### 20°C attenuation and Power

Frequency (MHz)	Attenuation (dB/100m)	Average Power (W)
400	25	686
1000	41	419
1800	57	308
2000	60	291
2400	67	265
3000	76	236
5000	102	182
10000	152	122
18000	215	83

## Mechanical and Environmental

Minimum bend radius , single bend (mm)	10
Minimum bend radius , dynamic use (mm)	40
Flame resistance	IEC 60332-3-24
RoHS	Meet RoHS requirement
Temperature (°C)	-65/+180
Weight (kg/km)	52