

## SR 141-50 Specification

### Size

Item	Material	Diameter (mm)
Center conductor	Silver plated copper wire	0.92
Dielectric	PTFE	2.98
Outer braid	Tin-soaked-tin plated copper	3.58

### Electronics

Capacitance (pF/m)	95
Impedance (ohm)	50
Corona Extinction Voltage (KVRMS@60Hz)	1.90
Voltage Withstanding (KVRMS@60Hz)	5.00
Cut-off Frequency (GHz)	34
Min. Bending Radius (mm)	12.50
Outer Conductor Integrity Temp. (°C)	175
Operating Temp. (°C)	-55-----+125

### 20°C attenuation and Power

Frequency (GHz)	Attenuation (dB/m)	Average Power (W)
0.5	0.26	600.5
1.0	0.38	417.5
5.0	0.91	174.4
10.0	1.37	117.5
20.0	2.09	77.9