

## SR-034



### Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.20 mm ( 0.008 inch )	Solid
Dielectric	PTFE	0.66 mm ( 0.026 inch )	Solid
Outer Conductor	TC	0.86 mm ( 0.034 inch )	100% Coverage

### Electrical & Mechanical Data

Characteristic Impedance	50 $\Omega$
Operating Frequency	40 GHz ( Max. )
Velocity of Propagation	69.5 %
Capacitance	29.0 pF/ft ( 95.1 pF/M )
Operating Temperature	- 40°C ~ 125°C
Shield Effectiveness	< -110 dB
Working Voltage	750 Vrms ( Max. )
Weight	3.1 kg / km
Min. Bending Radius	1.27 mm ( 0.05 inch )

### Attenuation

Frequency ( GHz )	Nom. Attenuation		Max. Power ( W )
	( dB/100m )	( dB/100ft )	
0.5	111.5	34.0	30.5
1.0	158.5	48.3	21.5
5.0	362.2	110.4	9.5
10.0	520.0	158.5	6.6
18.0	710.3	216.5	4.8
26.5	874.7	266.6	3.9
40.0	1,094.8	333.7	3.2