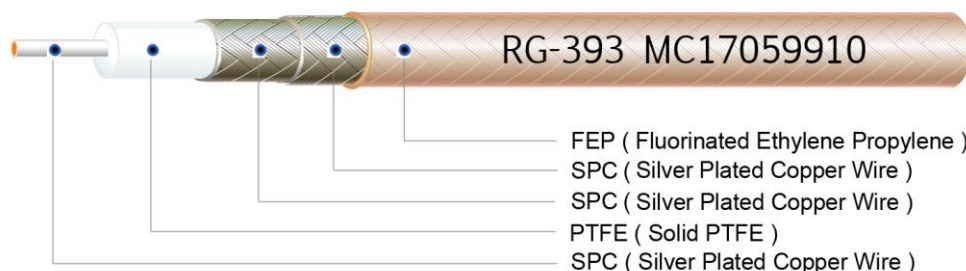


# RG-393



## Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	2.40 mm ( 0.094 inch )	Stranded ( 7/0.079 )
Dielectric	PTFE	7.24 mm ( 0.285 inch )	Solid
Inner Shield	SPC	8.00 mm ( 0.315 inch )	Braid
Outer Shield	SPC	8.75 mm ( 0.344 inch )	Braid
Jacket	FEP	9.90 mm ( 0.390 inch )	Light Brown

## Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	6 GHz ( Max. )
Velocity of Propagation	70 %
Capacitance	95.9 pF/M
Operating Temperature	- 55°C ~ 200°C
Working Voltage	7,500 Vrms ( Max. )
Weight	230 kg / km
Min. Bending Radius	Static 60mm Repeated 100mm ( Max. 50 Bendings ) Dynamic 150mm

## Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.05	0.06	0.018
0.10	0.08	0.024
0.40	0.16	0.049
1.00	0.29	0.088
3.00	0.59	0.180
6.00	1.19	0.363