

RFSG-390-50

High performance 50ohm seimi rigid coaxial cable

Ver A/0 Release Date Match, 2015



P/N: 239050

Features&Benefits

- 70%Vp PTFE + Copper tube
- Ultra-low loss, High shield effectiveness
- Equivalent to UT-390
- Replace to PE-390SR



Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	2.6	±0.01	Silver Plated Copper or Clad Steel
2	Dielectric	8.45	±0.05	Extruded PTFE
3	Outer conductor	9.9	±0.05	Bare Copper Tube Tinned Seamless annealed copper

Mechanical&Environmental Specifications

RoHS

Bend Radius:installation (mm)	50	RoHS	Compliant
Bend Radius:repeated (mm)	99		
Weight (g/m)	370 max.		
Temp, Operating&Installation (°C)	-65~165		
Temp, Storage (°C)	-65~165		

Electrical Specifications

Characteristic Impedance(ohm)	50±2	Time delay	4.7
Capacitance(pF/m)	96	Max Working Power(Vrms)	6000
Velocity ratio(%)	70	Shielding Effectiveness(dB)	>110
Cutoff frequency(GHz)	11		

Attenuation (Typical@25°C&VSWR=1.0) &Power (VSWR=1.0;40°C;Sea Level)

Frequency MHz	0.5	1000	5000	10000
dB/100 m	9.8	15.1	41.0	65.9
Avg.Power KW	3.426	2.322	0.883	0.562

Maximum attenuation is 10% higher.

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