

## RFSG-325-50

High performance 50ohm seimi rigid coaxial cable

Ver A/0 Release Date Match, 2015



P/N: 232550

### Features&Benefits

- 70%Vp PTFE + Copper tube
- Ultra-low loss, High shield effectiveness
- Equivalent to UT-325
- Replace to PE-325SR



### Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	2.37(7*0.792)	±0.01	Silver Plated Copper or Clad Steel
2	Dielectric	7.25	±0.05	Extruded PTFE
3	Outer conductor	8.25	±0.05	Bare Copper Tube Tinned Seamless annealed copper

### Mechanical&Environmental Specifications

Bend Radius:installation (mm)	45
Bend Radius:repeated (mm)	83
Weight (g/m)	250 max.
Temp, Operating&Installation (°C)	-65~165
Temp, Storage (°C)	-65~165

### RoHS

RoHS	Compliant
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### Electrical Specifications

Characteristic Impedance(ohm)	50±2	Time delay	4.7
Capacitance(pF/m)	96	Max Working Power(Vrms)	3000
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	11.5	17.1	45.3	72.2
Avg.Power KW	1.702	1.157	0.444	0.284

Maximum attenuation is 10% higher.

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