

RFSG-250-50

High performance 50ohm seimi rigid coaxial cable

Ver A/0 Release Date Match, 2015



P/N: 225050

Features&Benefits

- 70%Vp PTFE + Copper tube
- Ultra-low loss, High shield effectiveness
- Equivalent to UT-250
- Replace to PE-250SR



Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	1.65	±0.01	Silver Plated Copper or Clad Steel
2	Dielectric	5.25	±0.05	Extruded PTFE
3	Outer conductor	6.35	±0.05	Bare Copper Tube Tinned Seamless annealed copper

Mechanical&Environmental Specifications

RoHS

Bend Radius:installation (mm)	30	RoHS	Compliant
Bend Radius:repeated (mm)	65		
Weight (g/m)	130 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)	98	Max Working Power(Vrms)	2000
Velocity ratio(%)	70	Shielding Effectiveness(dB)	>110
Cutoff frequency(GHz)	19		

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

Frequency MHz	0.5	1000	5000	10000	18000
dB/100 m	14.1	22.0	57.1	88.6	131.2
Avg.Power KW	1.780	0.915	0.365	0.238	0.163

Maximum attenuation is 10% higher.

Defined by: Luke

Prepared by: Eric

Approved by: K.F. Lu

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Shenzhen RFcoms Technology Co.,LTD

Website: www.rfcoms.com

Tell: +86 13480725660 Fax:+86-755-28908582

Email: luke@rfcoms.com

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