

RFSG-034-50

High performance 50ohm seimi rigid coaxial cable

Ver A/0 Release Date Match, 2015



P/N: 203450

Features&Benefits

- 70%Vp PTFE + Copper tube
- Ultra-low loss, High shield effectiveness
- Equivalent to UT-034
- Replace to PE-034SR



Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	0.2	±0.01	Silver Plated Copper Clad Steel
2	Dielectric	0.66	±0.05	Extruded PTFE
3	Outer conductor	0.86	±0.05	Bare Copper Tube

Mechanical&Environmental Specifications

RoHS

Bend Radius:installation (mm)	3	RoHS	Compliant
Bend Radius:repeated (mm)	9		
Weight (g/m)	3.5 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)	500
Velocity ratio(%)	70	Shielding Effectiveness(dB)	>110
Cutoff frequency(GHz)	155		

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

Frequency MHz	0.5	1000	5000	10000	18000	26500	40000
dB/100 m	112.0	158.0	362.0	520.0	710.0	875.0	1095.0
Avg.Power KW	0.036	0.025	0.011	0.007	0.006	0.005	0.004

Maximum attenuation is 10% higher.

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