

RFSG-086-35

High performance 35ohm seimi rigid coaxial cable

Ver A/0 Release Date Match, 2015



P/N: 208635

Features&Benefits

- 70%Vp PTFE + Copper tube
- Ultra-low loss, High shield effectiveness
- Equivalent to UT-085-35
- Replace to PE-086SR-35



Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	0.75	±0.01	Silver Plated Copper or Clad Steel
2	Dielectric	1.68	±0.05	Extruded PTFE
3	Outer conductor	2.20	±0.05	Bare Copper Tube Tinned Seamless annealed copper Zinc & Tinned plated copper

Mechanical&Environmental Specifications

RoHS

Bend Radius:installation (mm)	10	RoHS	Compliant
Bend Radius:repeated (mm)	22		
Weight (g/m)	23 max.		
Temp, Operating&Installation (°C)	-65~165		
Temp, Storage (°C)	-65~165		

Electrical Specifications

Characteristic Impedance(ohm)	35±2	Time delay	4.7
Capacitance(pF/m)	140	Max Working Power(Vrms)	1500
Velocity ratio(%)	70	Shielding Effectiveness(dB)	>110
Max.operating frequency(GHz)	18		

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

Frequency MHz	0.5	1000	2000	3000	5000	10000	20000
dB/100 m	53.0	79.0	113.0	144.0	187.0	276.0	400.0
Avg.Power KW	0.220	0.160	0.115	0.082	0.064	0.041	0.030

Maximum attenuation is 10% higher.

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