RFSE850

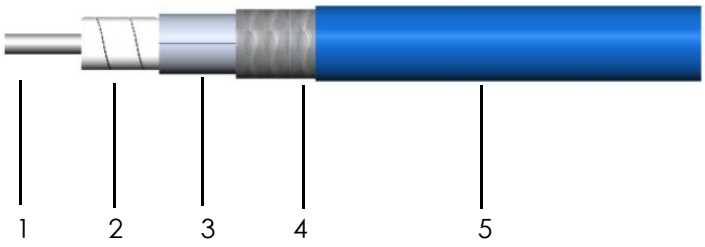
Ultra Low Loss Phase Stable Coax Cable

Ver A1 Release Date Match, 2018

P/N: 14085

Features&Benefits

- 76%Vp PTFE Tape+AL Foil+SPC shield
- Low Loss
- Excellent Cost Effectiveness
- Excellent Flexible



Construction Specification

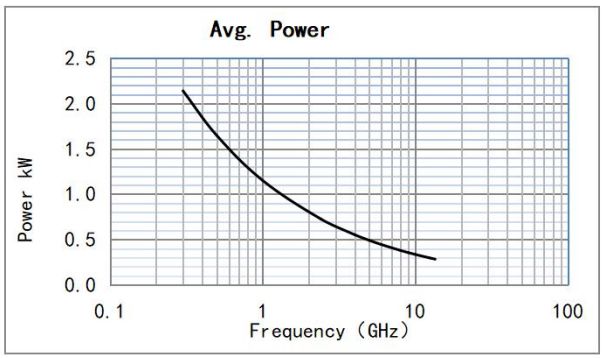
	Description	Size（mm）	Tol.	Materials
1	Center conductor	2.30	±0.03	Stranded Silver Plated Copper
2	Dielectric	6.60	±0.05	LD PTFE
3	Outer conductor	6.68	±0.05	Aluminium Foil
4	Outer sheild	7.15	±0.15	Silver Plated Copper
5	Jacket	8.20	±0.20	PUR Blue or Customized

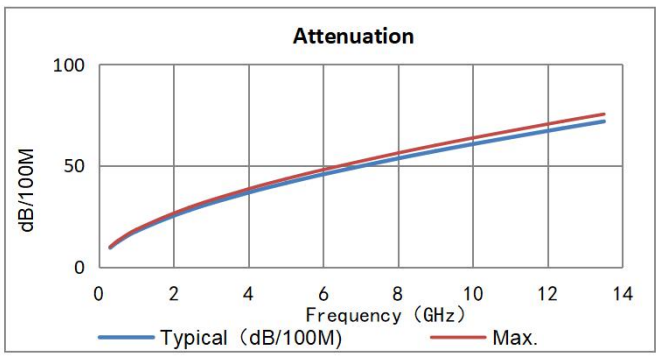
Mechanical&Environmental Specifications

Bend Radious:installation (mm)	40
Bend Radious:repeated (mm)	82
Weight (g/m)	125
Temp, Operating&Installation (ºC)	-55～85
Cuttoff Frequency(GHz)	18

Electrical Specifications

Operation Frequency (GHz)	14
Impedance (Ohms)	50
Velocity of Propagation(%)	76
Sheilding Effectiveness (dB)	≥90
Voltage Withstand (V,DC)	1500





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

Frequency MHz	300	500	1000	2400	4000	5000	6000	8000	9000	10000	12400	13500
dB/100 m	9.5	12.3	17.6	27.9	36.7	41.4	45.7	53.5	57.1	60.6	68.4	71.8
Avg.Power kW	2.140	1.647	1.150	0.726	0.553	0.490	0.443	0.378	0.354	0.334	0.296	0.282

K1= 0.5340000 K2= 0.0007200

Calculate Attenuation= K1* √FMhz+K2*FMHz Maximum attenuation is 10% higher.

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