RFSE600

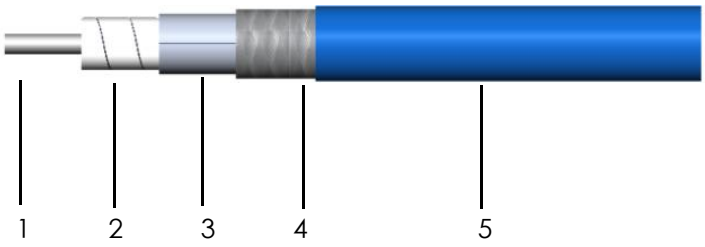
Ultra Low Loss Phase Stable Coax Cable

Ver A1 Release Date Match, 2018

P/N: 14060

Features&Benefits

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



Construction Specification

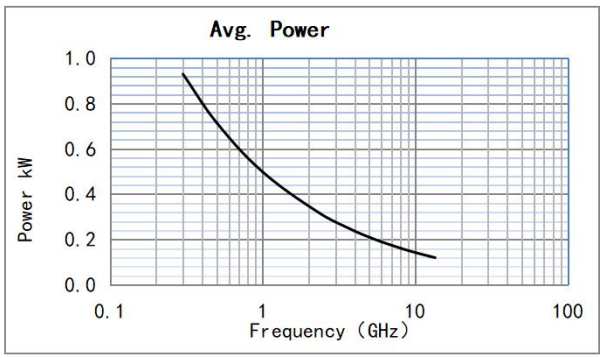
	Description	Size（mm）	Tol.	Materials
1	Center conductor	1.45	±0.03	Stranded Silver Plated Copper
2	Dielectric	4.20	±0.05	LD PTFE
3	Outer conductor	4.30	±0.05	Aluminium Foil
4	Outer sheild	4.80	±0.12	Silver Plated Copper
5	Jacket	5.80	±0.15	PUR Blue or Customized

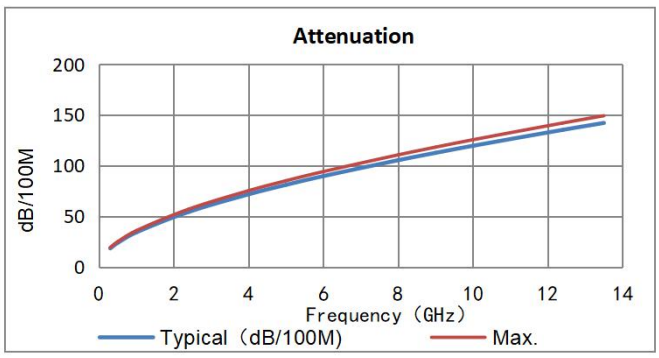
Mechanical&Environmental Specifications

Bend Radious:installation (mm)	15
Bend Radious:repeated (mm)	30
Weight (g/m)	60
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)	800





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	18.3	23.8	34.1	54.3	71.6	81.0	89.6	105.3	112.5	119.5	135.2	142.0
Avg.Power kW	0.930	0.715	0.498	0.313	0.237	0.210	0.190	0.161	0.151	0.142	0.126	0.120

K1= 1.0250000 K2= 0.0017000

Calculate Attenuation= K1* √FMhz+K2*FMHz

Maximum attenuation is 10% higher.

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