RFSF800

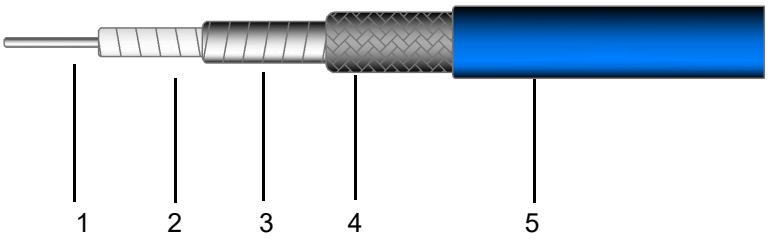
Ultra Low Loss Phase Stable Coax Cable

Ver A1 Release Date Match, 2018

P/N: 15080

Features&Benefits

- 76%Vp PTFE Tape+SPC Foil+SPC Shield
- Stranded SPC Wire+PUR Jacket
- Excellent Flexible
- Excellent Stability and Durability



Construction Specification

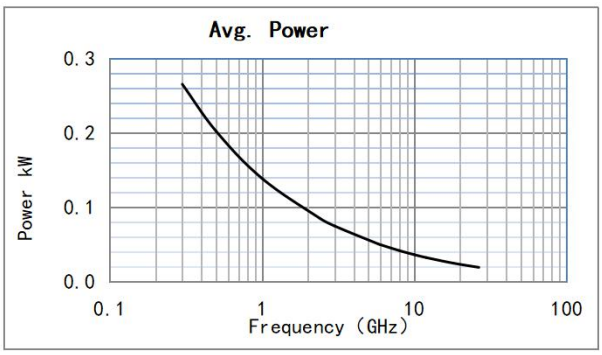
	Description	Size（mm）	Tol.	Materials
1	Center conductor	1.88	±0.02	Stranded Silver Plated Copper
2	Dielectric	5.50	±0.03	LD PTFE
3	Outer conductor	5.80	±0.05	Silver Plated Copper Foil
4	Outer sheild	6.40	±0.10	Silver Plated Copper
5	Jacket	8.00	±0.15	PUR Blue or Customize

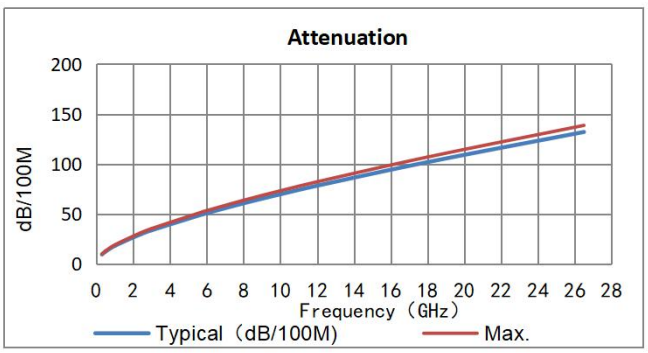
Mechanical&Environmental Specifications

Bend Radious:installation (mm)	32
Bend Radious:repeated (mm)	80
Weight (g/m)	140
Temp, Operating&Installation (ºC)	-55～85
Cuttoff Frequency(GHz)	35

Electrical Specifications

Operation Frequency (GHz)	26.5
Impedance (Ohms)	50
Velocity of Propagation(%)	76
Sheilding Effectiveness (dB)	≥90
Voltage Withstand (V,DC)	2000





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

Frequency MHz	300	500	1000	2400	3000	5800	6000	8000	10000	12000	18000	26500
dB/100 m	9.5	12.5	18.1	29.6	33.7	49.8	50.9	60.7	69.8	78.3	101.9	132.0
Avg.Power kW	0.265	0.202	0.139	0.085	0.075	0.050	0.049	0.041	0.036	0.032	0.025	0.019

K1= 0.5165000 K2= 0.0018100

Calculate Attenuation= K1* √ FMhz+K2*FMHz 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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