

RFSF360

Ultra Low Loss Phase Stable Coax Cable

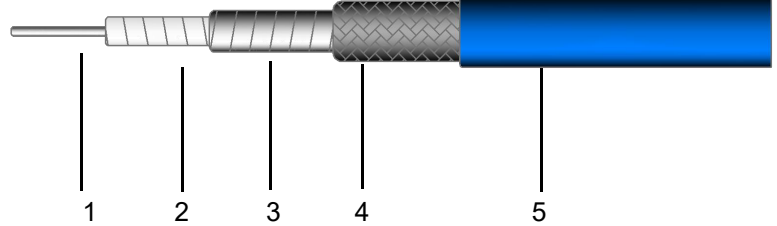
Ver A1 Release Date Match, 2018



P/N: 15036

Features&Benefits

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



Construction Specification

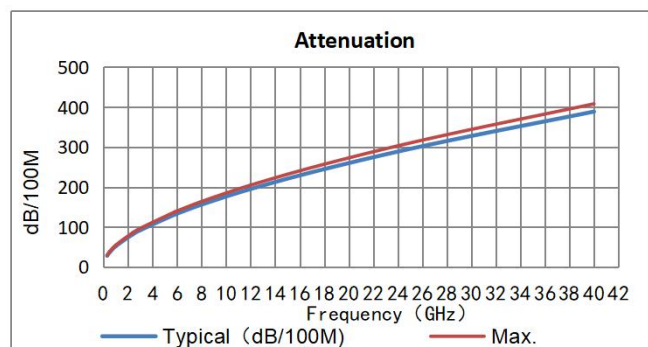
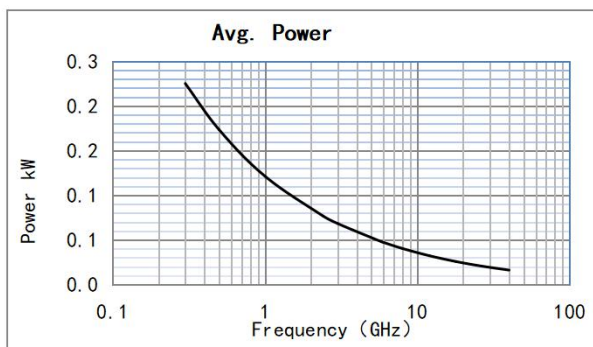
	Description	Size (mm)	Tol.	Materials
1	Center conductor	0.72	±0.02	Stranded Silver Plated Copper
2	Dielectric	2.10	±0.03	LD PTFE
3	Outer conductor	2.26	±0.05	Silver Plated Copper Foil
4	Outer shield	2.70	±0.10	Silver Plated Copper
5	Jacket	3.60	±0.15	PUR Blue or Customize

Mechanical&Environmental Specifications

Bend Radius:installation (mm)	15
Bend Radius:repeated (mm)	36
Weight (g/m)	30
Temp, Operating&Installation (°C)	-55~85
Cutoff Frequency(GHz)	48

Electrical Specifications

Operation Frequency (GHz)	40
Impedance (Ohms)	50
Velocity of Propagation(%)	76
Shielding Effectiveness (dB)	≥90
Voltage Withstand (V,DC)	500



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

Frequency MHz	300	500	1000	2400	3000	5800	6000	8000	12000	18000	26500	40000
dB/100 m	27.9	36.3	51.8	81.8	92.0	130.9	133.3	155.9	194.9	244.7	305.3	388.6
Avg.Power kW	0.225	0.173	0.121	0.077	0.068	0.048	0.047	0.040	0.032	0.026	0.021	0.016
K1=	1.5810000					K2=	0.0018100					

Calculate Attenuation= $K1 \cdot \sqrt{FMHz} + K2 \cdot FMHz$

Maximum attenuation is 10% higher.

Defined by: Luke

Shenzhen RFcoms Technology Co.,LTD

Prepared by: Eric

Website: www.rfcoms.com

Approved by: K.F. Lu

Tell: +86 13480725660 Fax:+86-755-28908582

Rev: A/0

Email: luke@rfcoms.com

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