

RFSB360

Ultra Low Loss Ultra Flexible Phase Stable Coax Cable

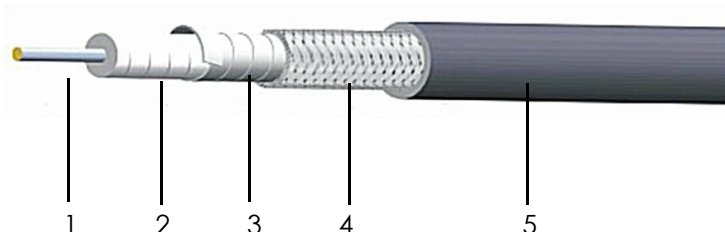
Ver A1 Release Date Match, 2018



P/N: 11036

Features&Benefits

- 81%Vp PTFE Tape+SPC Foil
- Ultra Low Loss, Excellent Temp Phase Stable
- Equivalent to 3507
- Replace to UFB142A, HF130,IW1401



Construction Specification

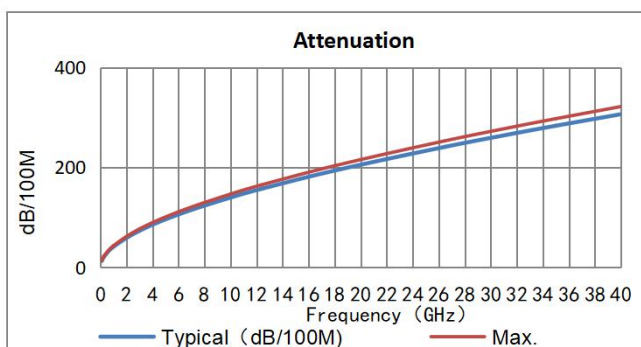
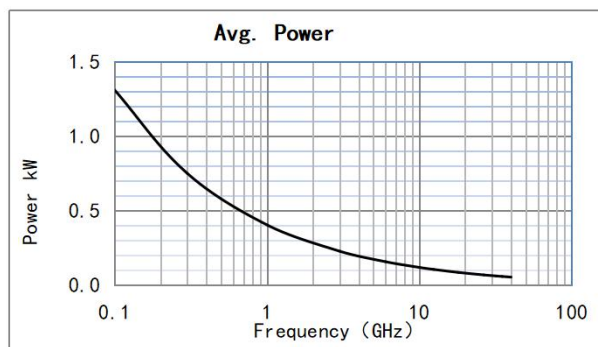
	Description	Size (mm)	Tol.	Materials
1	Center conductor	0.91	±0.03	Stranded Silver Plated Copper
2	Dielectric	2.50	±0.05	LD PTFE
3	Outer conductor	2.70	±0.05	Silver Plated Copper Foil
4	Outer shield	3.25	±0.12	Silver Plated Copper
5	Jacket	3.75	±0.15	PTFE Jacket

Mechanical&Environmental Specifications

Bend Radius:installation (mm)	18.75
Bend Radius:repeated (mm)	37.5
Weight (g/m)	36
Temp. Operating&Installation (°C)	-65~200
Cutoff Frequency(GHz)	45

Electrical Specifications

Operation Frequency (GHz)	40	Bending phase	±6°@40GHz
Impedance (Ohms)	50	Temp. phase	600PPM
Velocity of Propagation(%)	81	Mech. phase	±0.10@40GHz
Shielding Effectiveness (dB)	≥90		
Voltage Withstand (V,DC)	900		



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

Frequency MHz	100	300	1000	3000	6000	10000	12400	18000	26500	32000	35000	40000
dB/100 m	12.8	22.3	41.3	73.2	105.9	139.7	157.3	193.7	241.3	269.0	283.4	306.5
Avg.Power kW	1.310	0.751	0.405	0.228	0.158	0.120	0.106	0.086	0.069	0.062	0.059	0.055
K1=	1.2624700					K2=	0.0013500					

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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