

RFSC260

Ultra Low Loss Phase Stable Coax Cable

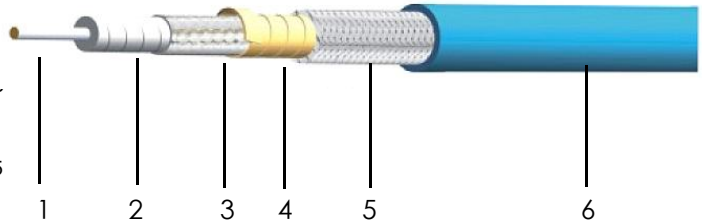
Ver A1 Release Date Match, 2015



P/N: 12026

Features&Benefits

- 76%Vp PTFE Tape+SPC Ribbon+Tri-shields
- Ultra-low loss, Better bending performance,Durabl
- Equivalent to
- Replace to SS405,MFLEX405,TFLEX405



Construction Specification

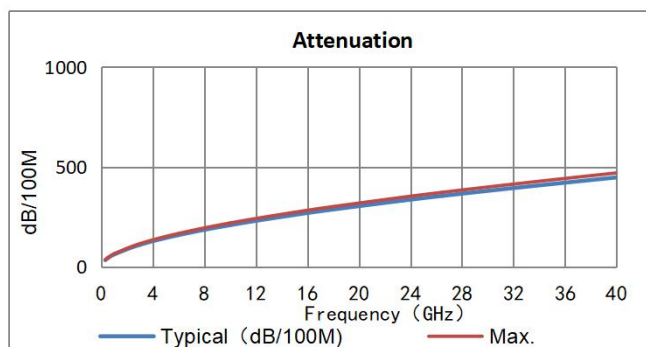
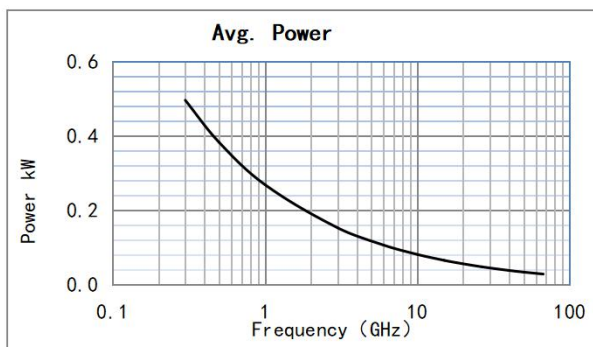
	Description	Size (mm)	Tol.	Materials
1	Center conductor	0.51	±0.02	Silver Plated Copper
2	Dielectric	1.60	±0.05	LD PTFE
3	Outer conductor	1.76	±0.05	Silver Plated Copper Foil
4	Innerlayer	2.00	±0.05	PTFE
5	Outer shield	2.25	±0.10	Silver Plated Copper
6	Jacket	2.60	±0.10	FEP Blue or customize

Mechanical&Environmental Specifications

Bend Radius:installation (mm)	11
Bend Radius:repeated (mm)	26
Weight (g/m)	20
Temp, Operating&Installation (°C)	-55~165
Cutoff Frequency(GHz)	70

Electrical Specifications

Operation Frequency (GHz)	67	Bending phase	±6°@67GHz
Impedance (Ohms)	50	Mech. phase	±0.10@67GHz
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	3000	6000	10000	15000	18000	26500	40000	50000	67000
dB/100 m	34.2	44.3	63.1	111.1	159.7	209.4	260.5	287.6	355.8	447.9	508.4	601.7
Avg.Power kW	0.495	0.382	0.268	0.152	0.106	0.081	0.065	0.059	0.048	0.038	0.033	0.028
K1=	1.9494900					K2=	0.0014490					

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

Maximum attenuation is 10% higher.

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