RFSC380

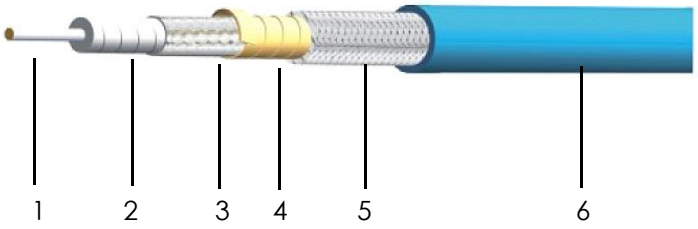
Ultra Low Loss Phase Stable Coax Cable

Ver A1 Release Date Match, 2015

P/N: 12038

Features&Benefits

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



Construction Specification

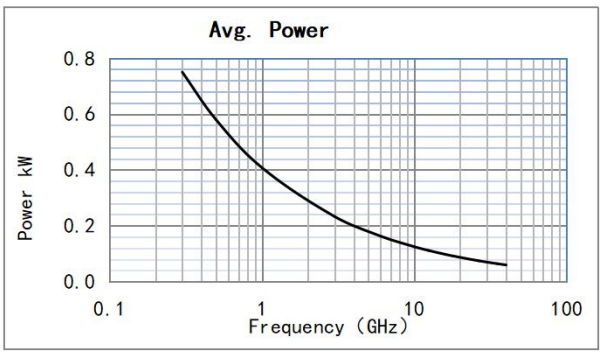
	Description	Size（mm）	Tol.	Materials
1	Center conductor	0.92	±0.02	Silver Plated Copper
2	Dielectric	2.70	±0.05	LD PTFE
3	Outer conductor	2.85	±0.05	Silver Plated Copper Foil
4	Innerlayer	3.15	±0.05	PTFE
5	Outer sheild	3.40	±0.10	Silver Plated Copper
6	Jacket	3.80	±0.10	FEP Blue or customize

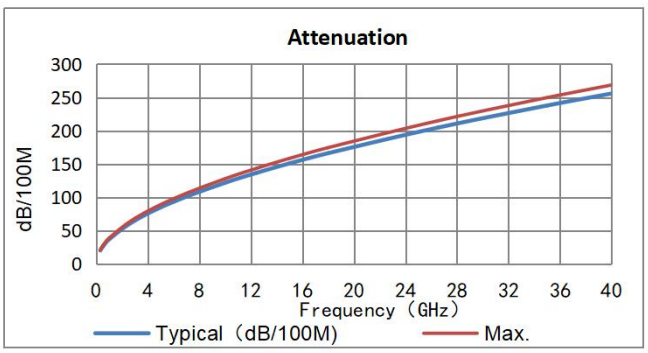
Mechanical&Environmental Specifications

Bend Radious:installation (mm)	18
Bend Radious:repeated (mm)	36
Weight (g/m)	38
Temp, Operating&Installation (ºC)	-55～165
Cuttoff Frequency(GHz)	40

Electrical Specifications

Operation Frequency (GHz)	40
Impedance (Ohms)	50
Velocity of Propagation	76%
Sheilding Effectiveness (dB)	≥90
Voltage Withstand (V,DC)	1000





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

Frequency MHz	300	500	1000	3000	6000	10000	12400	15000	18000	26500	35000	40000
dB/100 m	20.3	26.2	37.2	65.3	93.4	121.9	136.5	150.9	166.3	204.5	237.8	255.8
Avg.Power kW	0.750	0.579	0.408	0.233	0.163	0.125	0.111	0.101	0.091	0.074	0.064	0.059

K1= 1.1590000 K2= 0.0005990

Calculate Attenuation= K1* √ FMhz+K2*FMHz Maximum attenuation is 10% higher.

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