

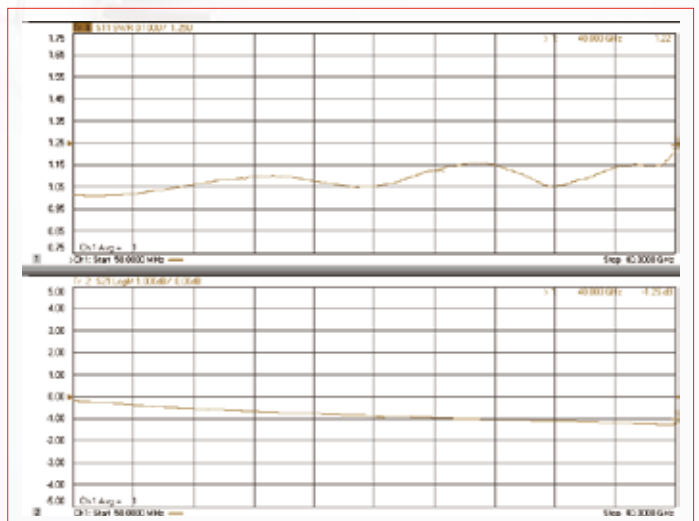
FEATURES

1. RF Over DC -40 GHz
2. Phase Stable 1000 PPM
3. Mechanical Phase Stable $\pm 3^\circ$
4. Amplitude Stability $\pm 0.1\text{dB}$
5. Ultra Low Loss
6. Superior Shielding Effectiveness $< -90\text{dB}$
7. Super-Flexible

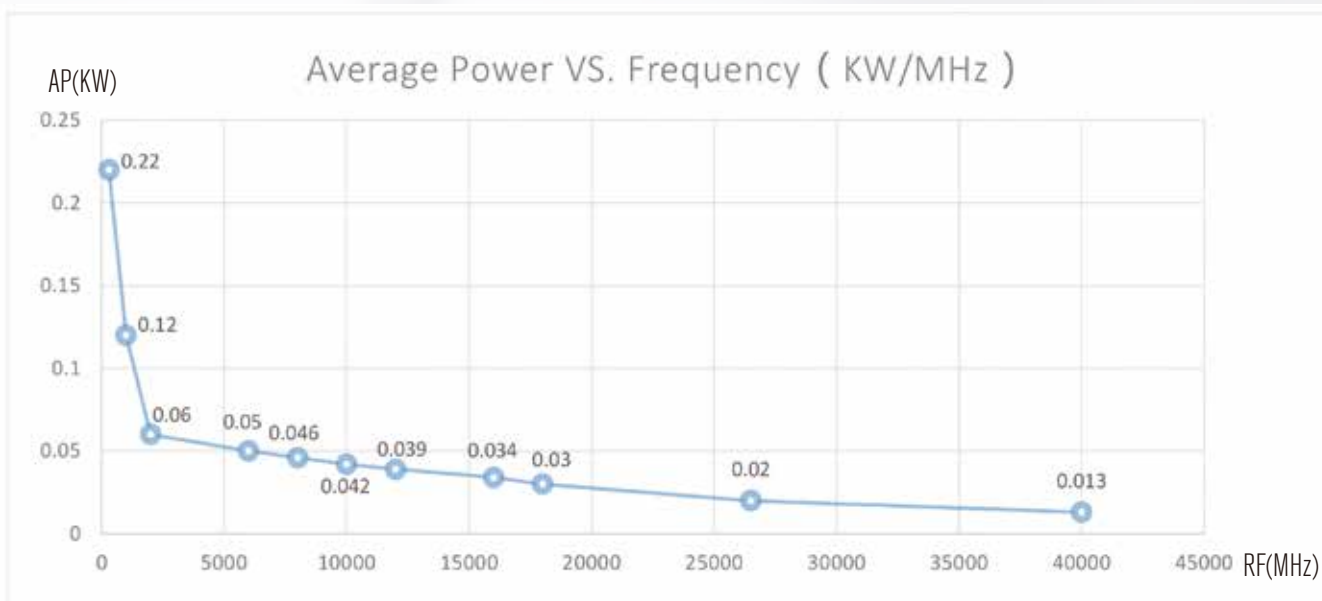
STRUCTURE-FEATURE

STRUCTURE		MATERIAL		DIMENSION [mm(inch)]	
A	Inner Conductor	Silver-Plated Copper		7*0.24 [0.0094]	
B	Dielectric	LD PTFE		2.10 [0.0826]	
C	First Outer Conductor	Silver-Plated Copper Braid		2.23 [0.0878]	
D	Second Outer Conductor	Silver-Plated Copper Braid		2.71 [0.1067]	
E	Jacket	FEP		3.60 [0.1417]	
ELECTRICAL		MECHANICAL & ENVIRONMENTAL		ATTENUATION TYPICAL VALUE	
Impedance	50Ω	Bend Radius: Installation	14mm	Frequency (MHz)	Attenuation (dB/ 100m)
Velocity Percentage	76%	Bend Radius: Repeated	36mm	@25 °C , Sea Level	Typical
Voltage Withstanding	500V DC	Weight	30g/m	300	27.96
Shielding Efficiency	<-90dB	Temperature	-55 ~ +85 °C	1000	51.86
Operating Frequency	40GHz	RoHS	Compliant	2000	74.4
				6000	133.45
				18000	244.88
				26500	305.54
				40000	388.8

INSERTION LOSS VS. FREQUENCY(dB/0.3m)

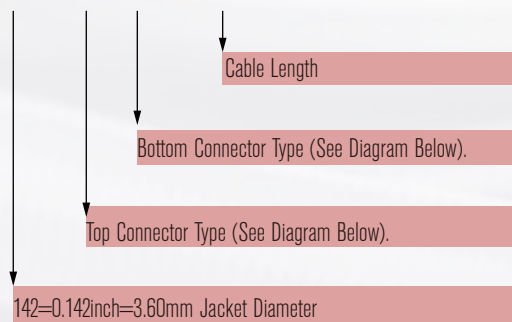


Average Power VS. Frequency(KW/MHz)



ORDER WITH CONNECTORS

CR142-AMAM-0.3M



Connector Type	Male Code	Female Code
N (L16)	NM	NF
2.92mm	KM	KF
SMA	AM	AF
2.4mm	24M	24F

ORDER ONLY CABLE

CR142-0.3M



1. Different type connectors can be installed at either side.
2. Individual cables are available in customized lengths.
3. Welding assembly will be preferred.
4. Order rules see page XX.