

FEATURES

1. RF Over DC -18 GHz
2. Phase Stable 550 PPM
3. Mechanical Phase Stable $\pm 5^\circ$
4. Amplitude Stability $\pm 0.1\text{dB}$
5. Ultra Low Loss
6. Superior Shielding Effectiveness $< -90\text{dB}$

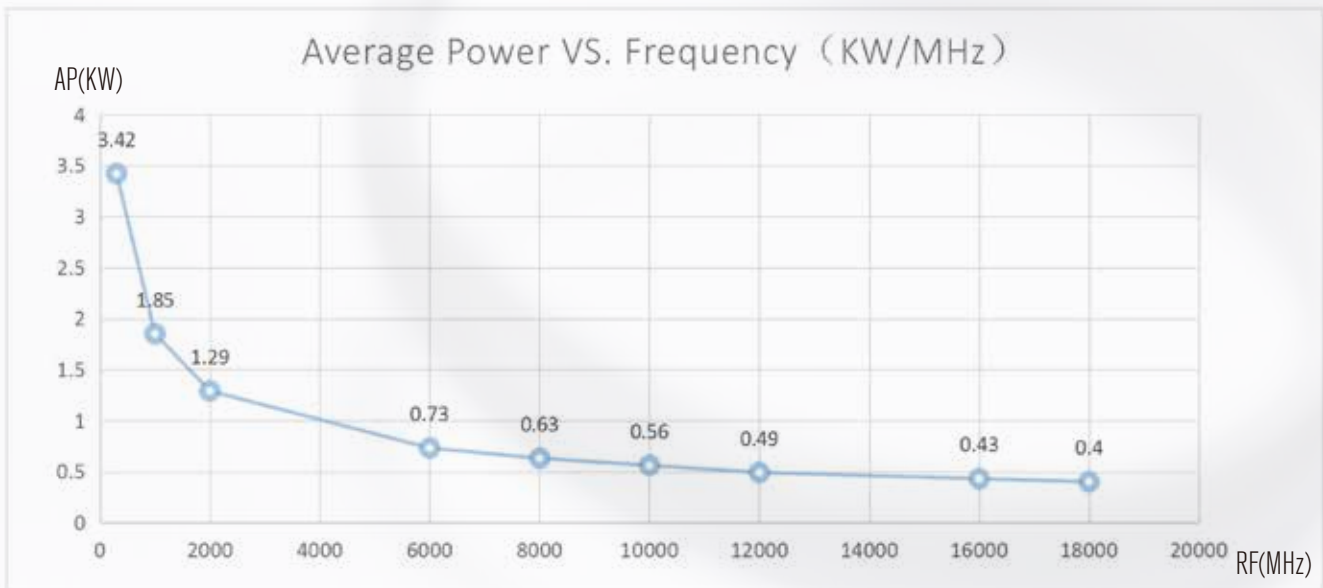
STRUCTURE-FEATURE

STRUCTURE		MATERIAL		DIMENSION [mm(inch)]	
A	Inner Conductor	Silver-Plated Copper		2.43 [0.0957]	
B	Dielectric	LD PTFE		6.60 [0.2598]	
C	First Outer Conductor	Silver-Plated Copper Braid		6.90 [0.2717]	
D	Second Outer Conductor	Silver-Plated Copper Braid		7.40 [0.2913]	
E	Jacket	FEP		8.10 [0.3189]	
ELECTRICAL		MECHANICAL & ENVIRONMENTAL		ATTENUATION TYPICAL VALUE	
Impedance	50 Ω	Bend Radius: Installation	40mm	Frequency (MHz)	Attenuation (dB/100m)
Velocity Percentage	83%	Bend Radius: Repeated	80mm	@25 °C , Sea Level	Typical
Voltage Withstanding	2000V DC	Weight	146g/m	300	7.2
Shielding Efficiency	<-90dB	Temperature	-55 ~ +165 °C	1000	13.2
Operating Frequency	18GHz	RoHS	Compliant	2000	18.9
				6000	74.8
				12000	49.5
				16000	56.9
				18000	60.7

INSERTION LOSS VS. FREQUENCY(dB/0.6m)

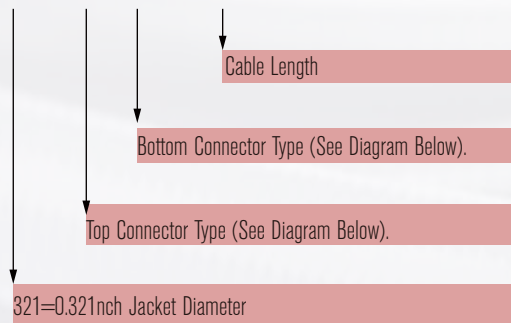


Average Power VS. Frequency(KW/MHz)



ORDER WITH CONNECTORS

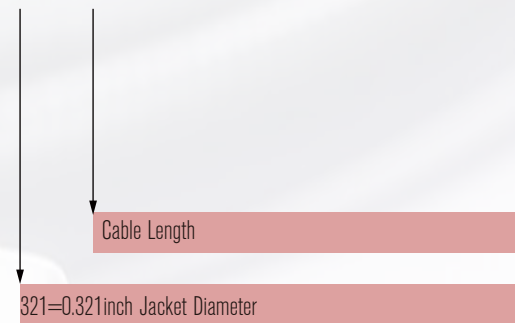
CA321-AMAM-0.6M



Connector Type	Male Code	Female Code
N (L16)	NM	NF
3.5mm	35M	35F
SMA	AM	AF

ORDER ONLY CABLE

CA321-0.6M



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.