

Coaxial Outer DC Block

10MHz-18GHz/SMA/200V

Model:TDCBSMSF-18G-O

The TDCBSMSF-18G-O is a SMA coaxial outer DC block that prevents the flow of DC current in the frequency range of 10 MHz to 18 GHz. The DC block has a maximum insertion loss of 0.8dB, a typical return loss of 18dB. It is manufactured with SMA male and female connectors for convenient circuit insertion. The breakdown voltage is +200 Volts..

Features:

- Operating Frequency 10MHz to 18GHz
- High Return Loss
- Low Cost
- Outer DC Block

Applications:

- laboratory test
- Instrumentations
- System Integration

电气特性 Electrical Characteristics:

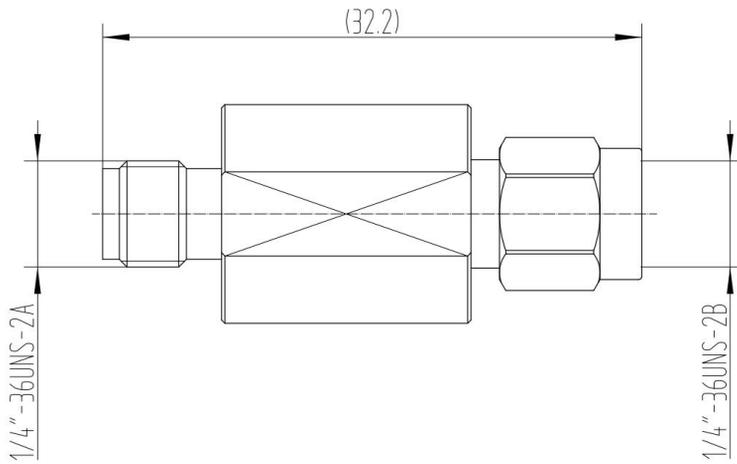
参数 Parameter		Min	Typ	Max	单位 Units
频率范围 Frequency Range		10MHz		18GHz	
回波损耗 Return Loss	@0.1-14GHz		-26.4	-16.5	dB
	@14-18GHz		-18.5	-15.5	
插损 Insertion Loss			0.4	0.8	dB
击穿电压 Breakdown Voltage			200		V
阻抗 Impedance			50		Ohms

环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-65 to +125°C	
存储温度 Storage Temperature	-65 to +125°C	
输入接口 Input Connector	SMA Female	
输出接口 Output Connector	SMA Male	
长度 Length	32.2	mm

外形图 Outline Drawing:

Unit:mm



订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TDCBSMSF-18G-O	10MHz-18GHz,200V,SMA Coaxial Outer DC Block