

Coaxial Band-pass Filter

2.168-2.188 GHz/SMA Female

Model: TLBF-2G178-20M-E

TLBF-2G178-20M-E is a coaxial band-pass filter with a passband frequency from 2.168 to 2.188 GHz and a rejection frequencies from at $f_c \pm 50$ MHz. The maximum insertion loss of the filter is 1.8 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 2.168 to 2.188 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

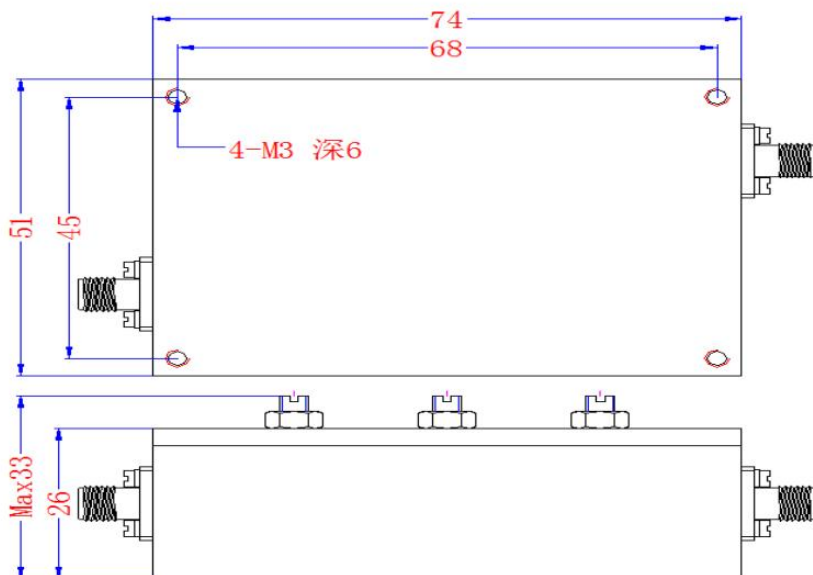
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	2.168		2.188	GHz
带宽 Band Width			20	MHz
通带插损 Passband Insertion Loss			1.8	dB
带内纹波 Pass Band Ripple			1.6	dB
驻波 VSWR			1.5	:1
带外抑制 Rejection@ $f_c \pm 50$ MH	40			dB
耐受功率 Power Handling			50	W
阻抗 Impedance	50			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +70	°C
接口 Connectors	SMA Female	
尺寸 Size	26*51*74	mm

外形图 Outline Drawing: Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-2G178-20M-E	Coaxial Band-pass Filter, Passband frequency range: 2.168-2.188GHz, Passband Insertion Loss: 1.8dB, SMA Female	Rev.1.0