

Coaxial Band-pass Filter

4.8-5 GHz/N Female/N Male

Model: TLBF-4G9-200M-N

TLBF-4G9-200M-N is a coaxial band-pass filter with a passband frequency from 4.8 to 5 GHz and a rejection frequencies from 4.2 GHz to 5.6 GHz. The maximum insertion loss of the filter is 0.5 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 4.8 to 5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

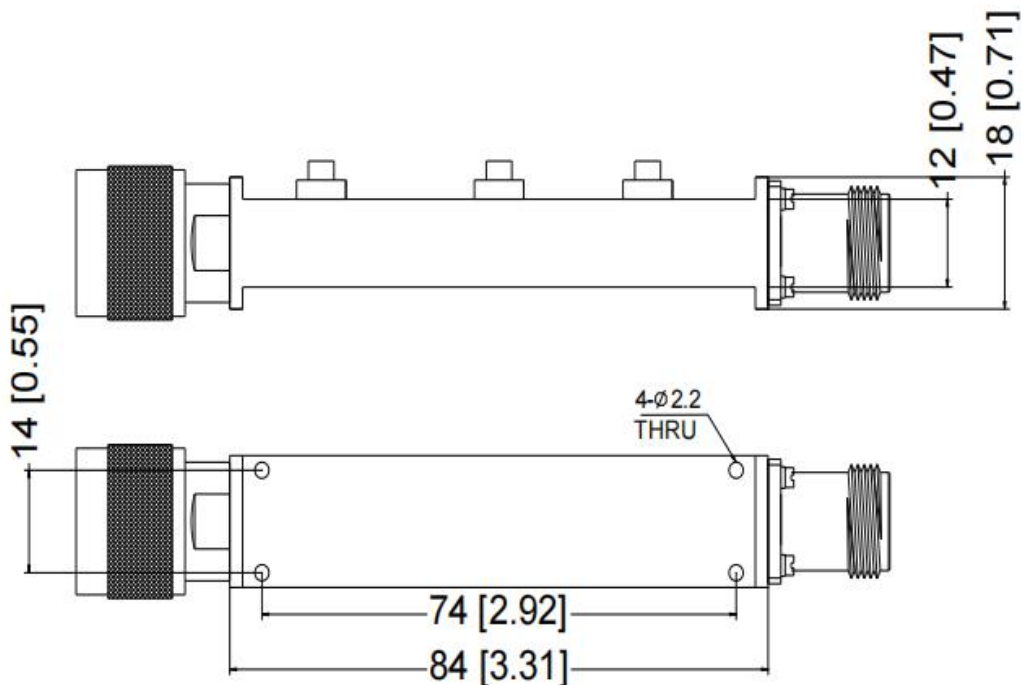
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	4.8		5	GHz
带宽 Band Width			0.2	GHz
通带插损 Passband Insertion Loss			0.5	dB
带内波动 Pass Band Ripple			0.4	dB
带外抑制 Rejection	>70dB@f0+-700MHz			
耐受功率 Power Handling			50	W
驻波 VSWR			1.4	:1
阻抗 Impedance	50			Ohms

环境和机械特性 Envriionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +70	°C
接口 Connectors	N Female/N Male	

外形图 Outline Drawing: Unit:mm

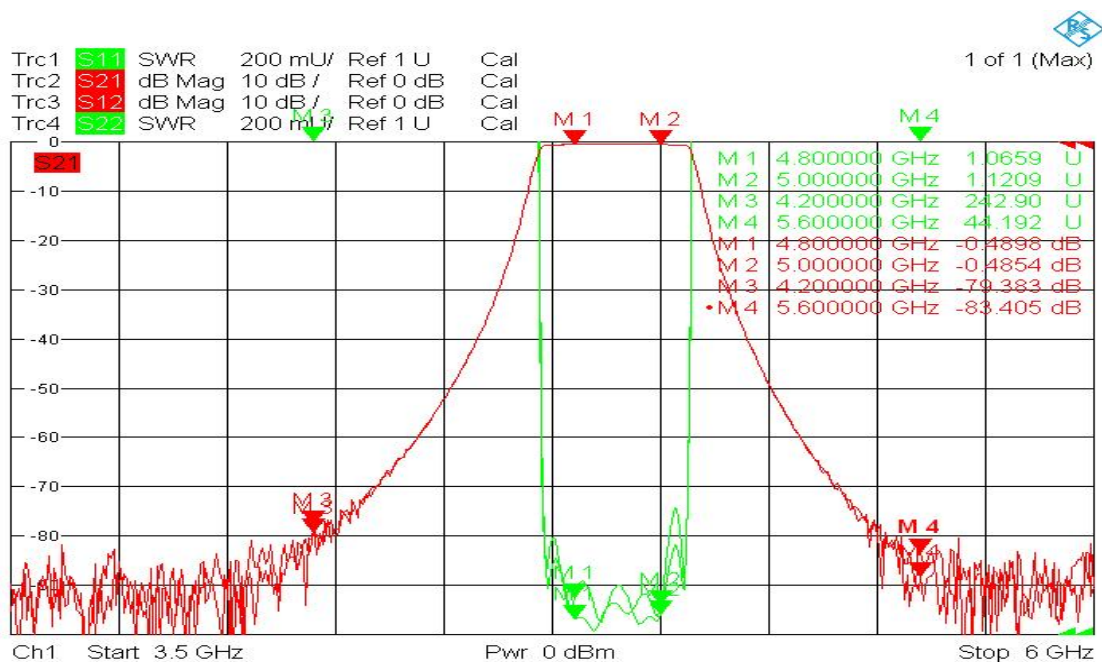


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-4G9-200M-N	Coaxial Band-pass Filter, Passband frequency range: 4.8-5GHz, Passband Insertion Loss: 0.5dB, N Female/N Male	Rev.1.0

典型曲线 Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.