

Coaxial Band-pass Filter

8.1-9GHz/ SMA Female

Model: TLBF-8G1-9G-E

TLBF-8G1-9G-E is a coaxial band-pass filter with a passband frequency from 8.1 to 9 GHz and a rejection frequencies at 8GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 16 dB.

Features:

- Passband Frequency Range: 8.1 to 9 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

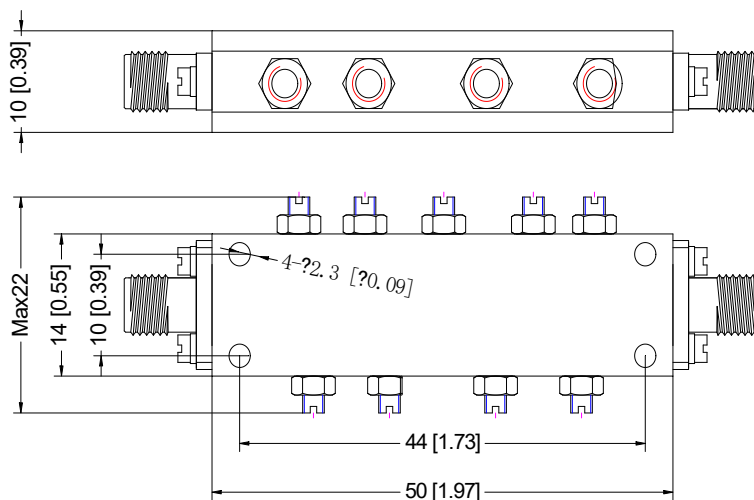
Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	8.1		9	GHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
Rejection	>16dB@8000MHz			dB
Power Handling			50	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	SMA Female	

外形图 Outline Drawing: Unit:mm;

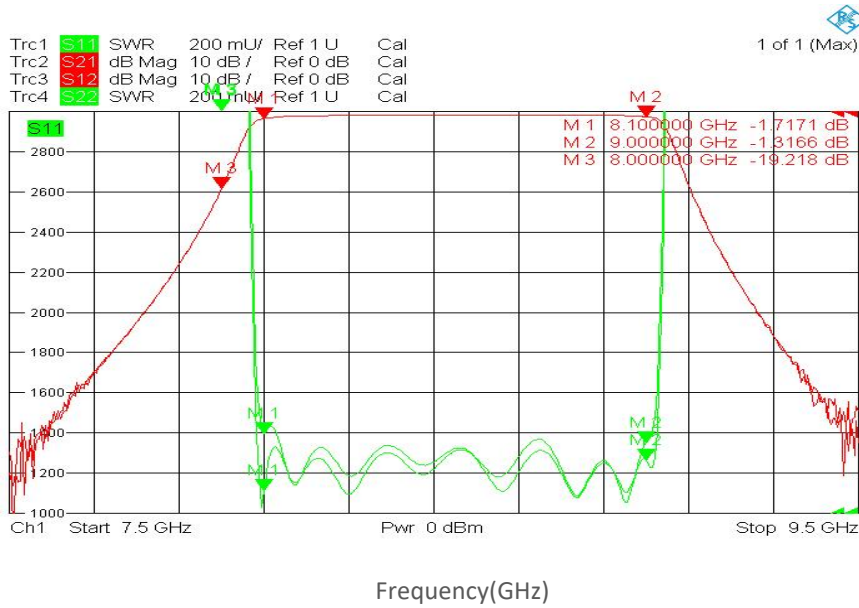


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-8G1-9G-E	Coaxial Band-pass Filter, Passband frequency range: 8.1 to 9GHz, Passband Insertion Loss: 2.0dB, SMA Female	Rev.1.0

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.