

Coaxial Band-pass Filter

7-7.2 GHz/SMA Female/SMA Male

Model: TLBF-7G1-200M-E

TLBF-7G1-200M-E is a coaxial band-pass filter with a passband frequency from 7 to 7.2 GHz and a rejection frequencies from DC-6.3 GHz and 7.7 GHz. The maximum insertion loss of the filter is 1.2 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 7 to 7.2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

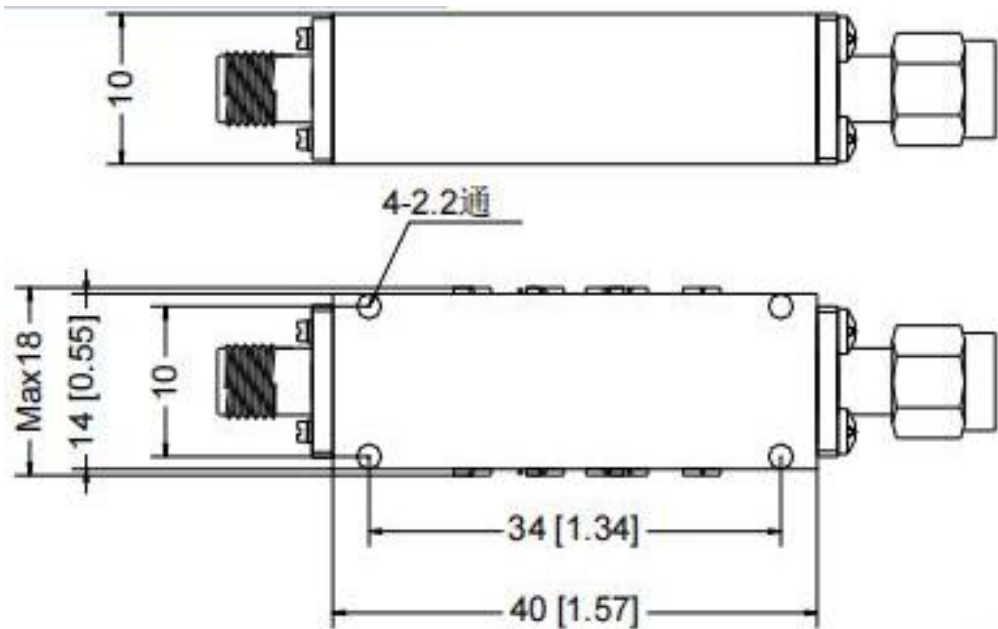
Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	7		7.2	GHz
Band Width			0.2	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple	0.4			dB
Group Delay Flatness	1.3			NS
Rejection	>70dB@DC-6.3Ghz 7.7Ghz			dB
Power Handling			15	W
VSWR			1.3	:1
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +70	°C
Connectors	SMA Female/SMA Male	

Outline Drawing: Unit:mm

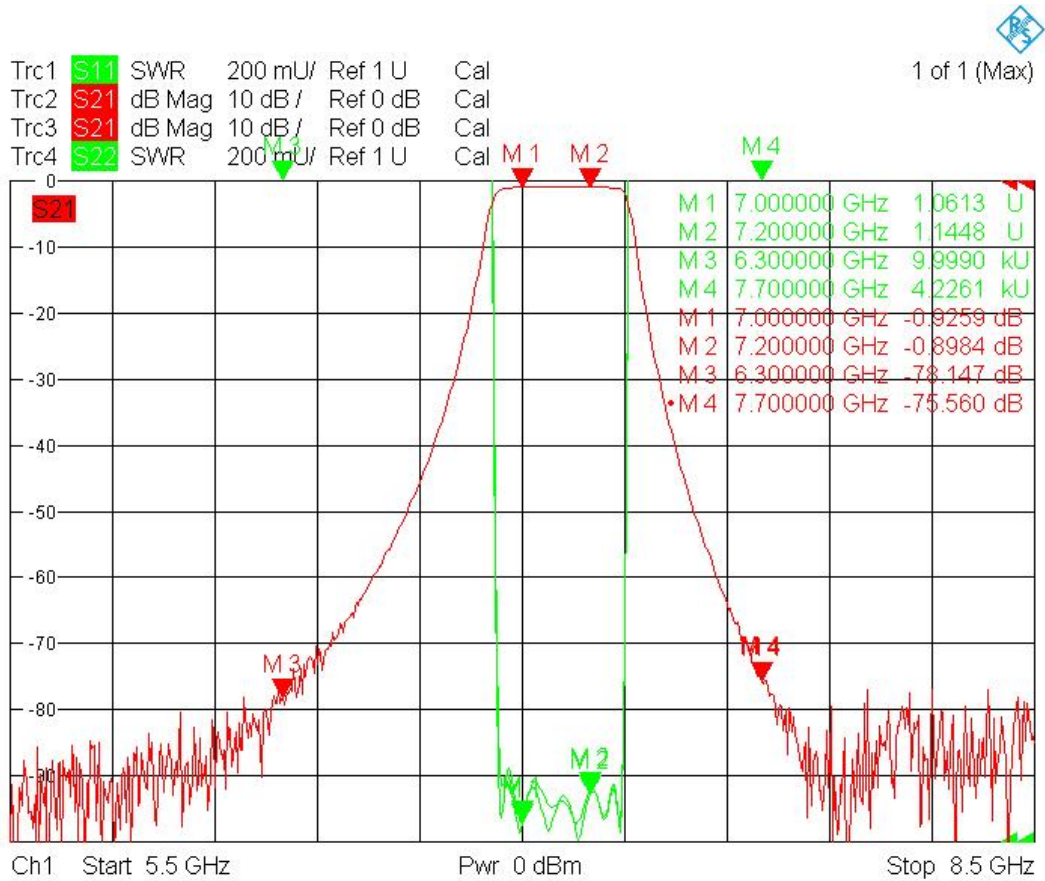


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-7G1-200M-E	Coaxial Band-pass Filter, Passband frequency range: 7-7.2GHz, Insertion Loss: 1.2dB, SMA Female/SMA Male	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.