

Coaxial Band-pass Filter

1600-2000 MHz/SMA Female

Model: TLBF-1G8-400M-E

TLBF-1G8-400M-E is a coaxial band-pass filter with a passband frequency from 1600 to 2000 MHz and a rejection frequencies from DC to 1.4 GHz and from 2.2 to 3.5 GHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 45 dB.

Features:

- Passband Frequency Range 1600 to 2000 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

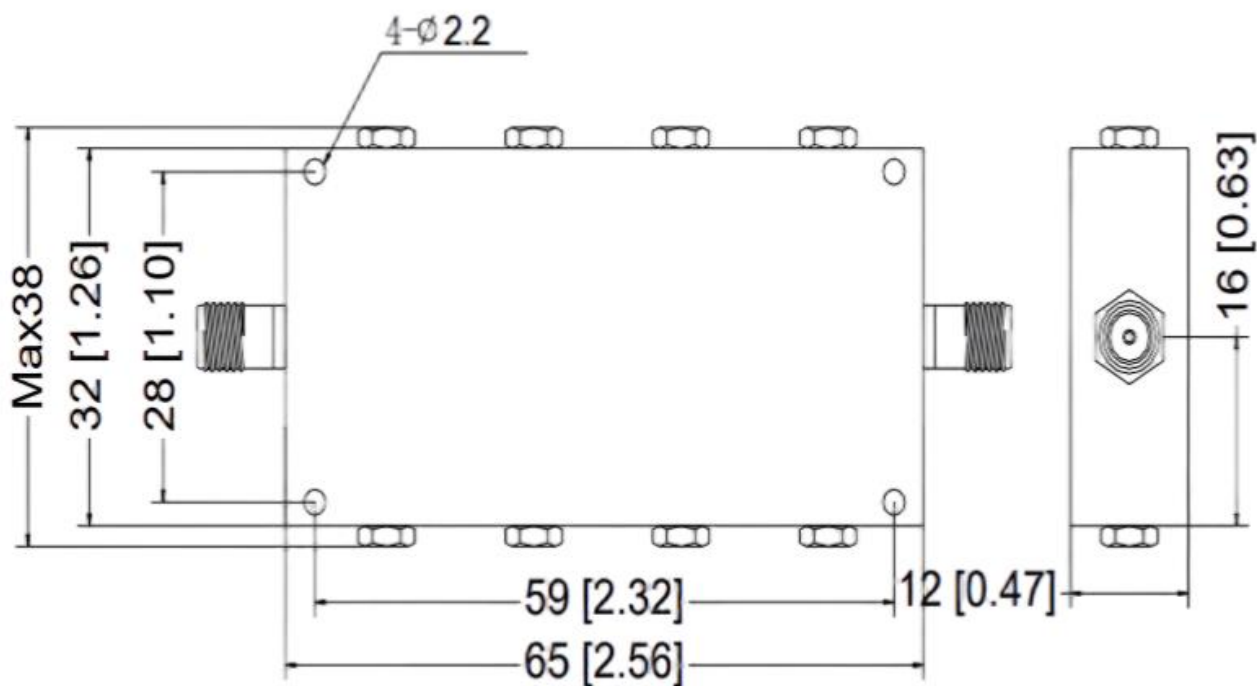
Parameter	Min	Typ	Max	Units
Passband Frequency range	1600		2000	MHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			1.0	dB
VSWR			1.5	:1
Rejection@DC-1.4GHz&2.2-3.5GHz	45			dB
Power Handling			15	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	12*32*65	mm

Outline Drawing:

Unit:mm

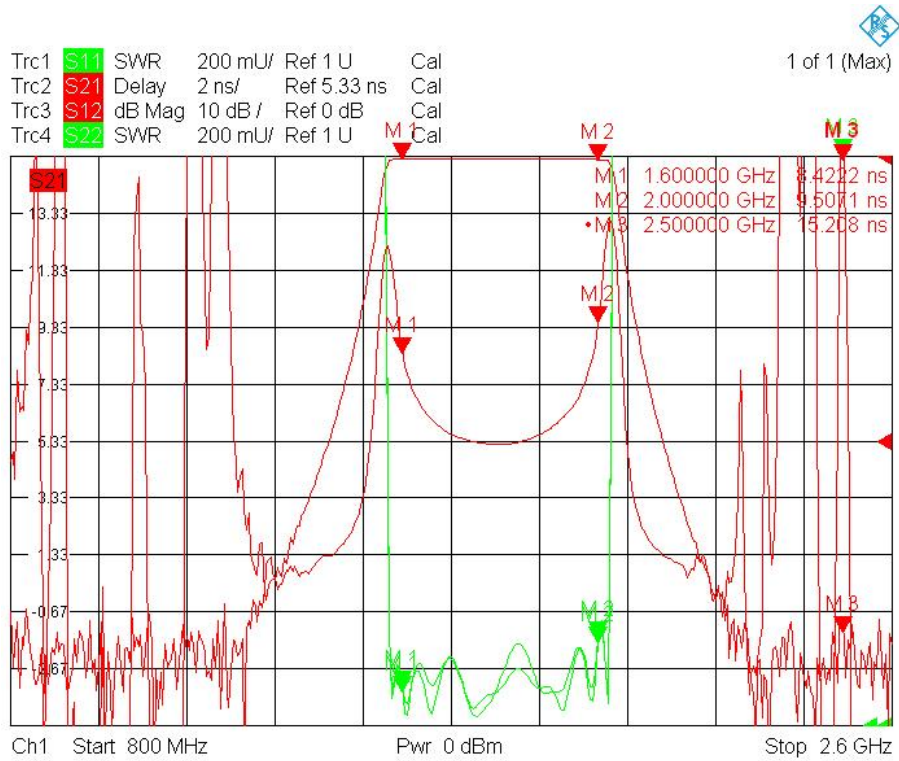


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1G8-400M-E	Coaxial Band-pass Filter, Passband frequency range: 1600-2000MHz, Passband Insertion Loss: 1.2dB, 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.