

Coaxial Band-pass Filter

4-8 GHz/SMA Female

Model: TLBF-4G-8G-X2

TLBF-4G-8G-X2 is a coaxial band-pass filter with a passband frequency from 4 to 8 GHz and a rejection frequencies @3.4GHz and 9.2 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 4 to 8 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

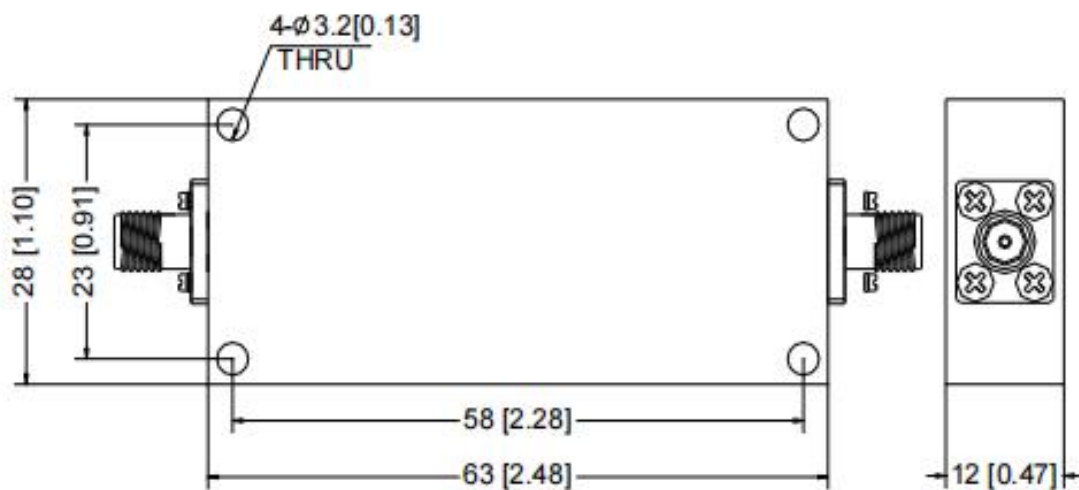
Parameter	Min	Typ	Max	Units
Passband Frequency range	4		8	GHz
Band Width			4	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.9	dB
Rejection	>40dB@3.4Ghz 9.2Ghz			
Power Handling			15	W
VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

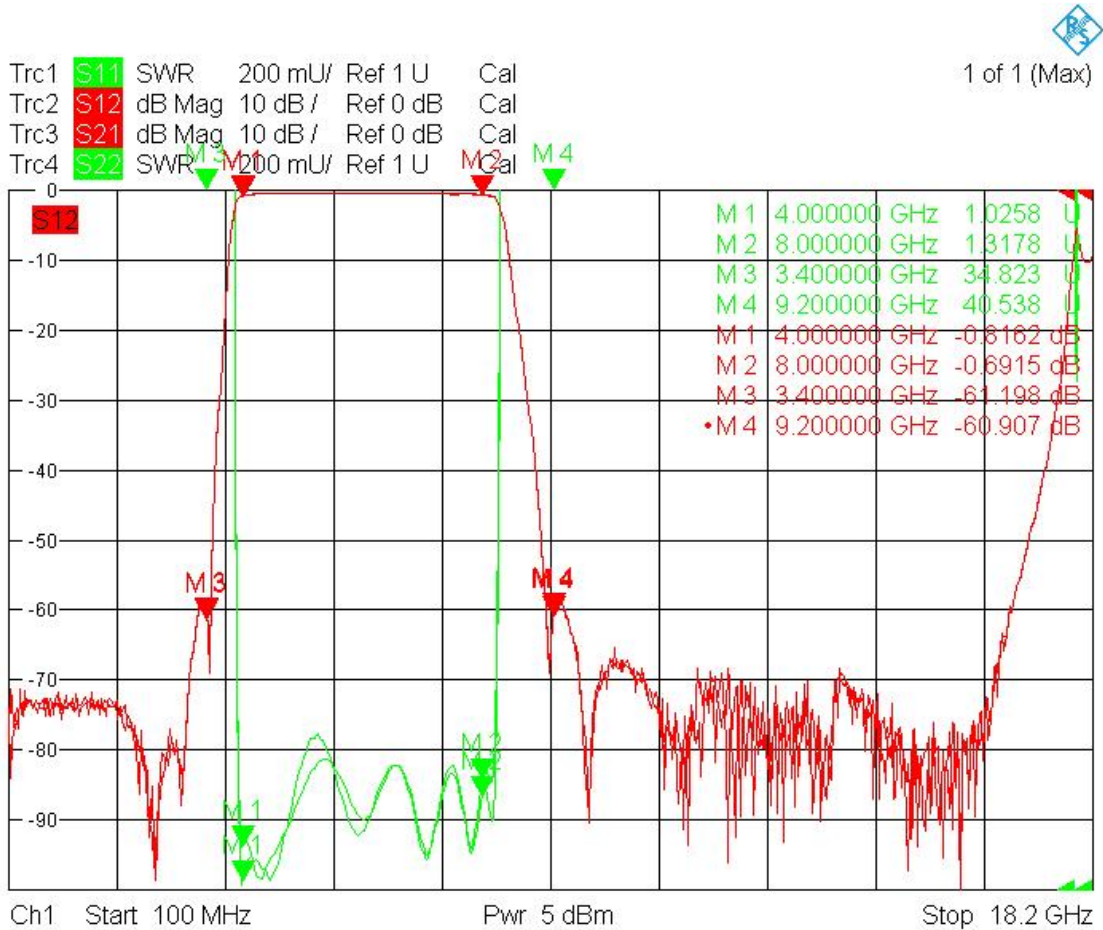


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-4G-8G-X2	Coaxial Band-pass Filter, Passband frequency range: 4-8GHz, Passband Insertion Loss: 1.0dB, 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.