

Coaxial Band-pass Filter

12-16 GHz/SMA Female/SMA Male

Model: TLBF-12G-16G-XG

TLBF-12G-16G-XG is a coaxial band-pass filter with a passband frequency from 12 to 16 GHz and a rejection frequencies from DC-10GHz and 18.5-20 GHz. The maximum insertion loss of the filter is 1.5 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 12 to 16 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

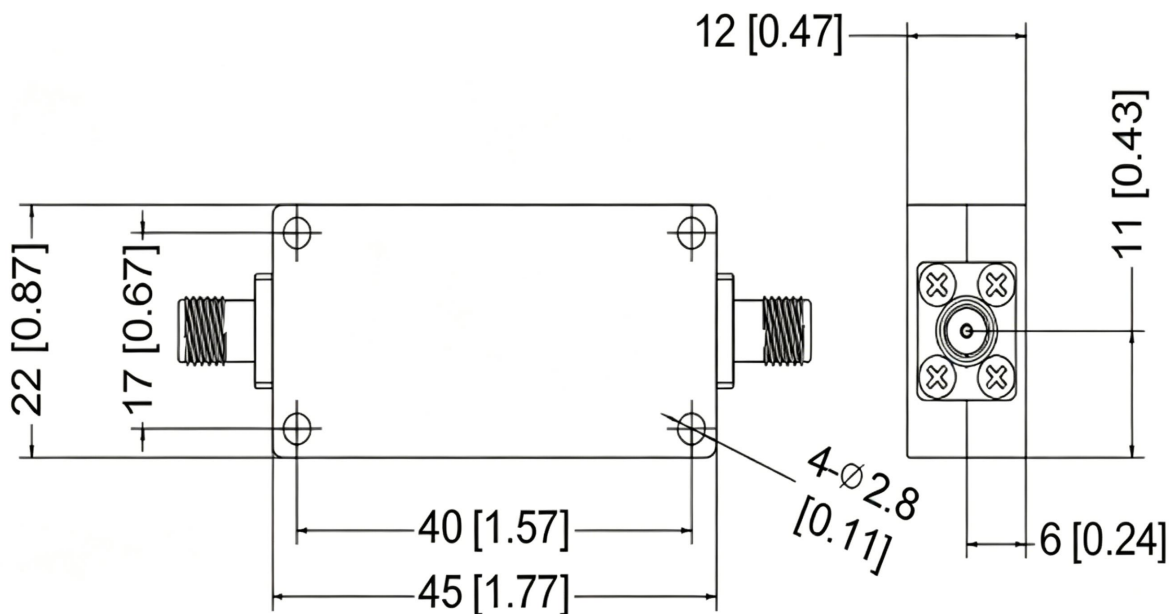
Parameter	Min	Typ	Max	Units
Passband Frequency range	12		16	GHz
Band Width			4	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.4	dB
Rejection	>50dB@dc-10GHz 18.5-20GHz			dB
Power Handling			15	W
VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

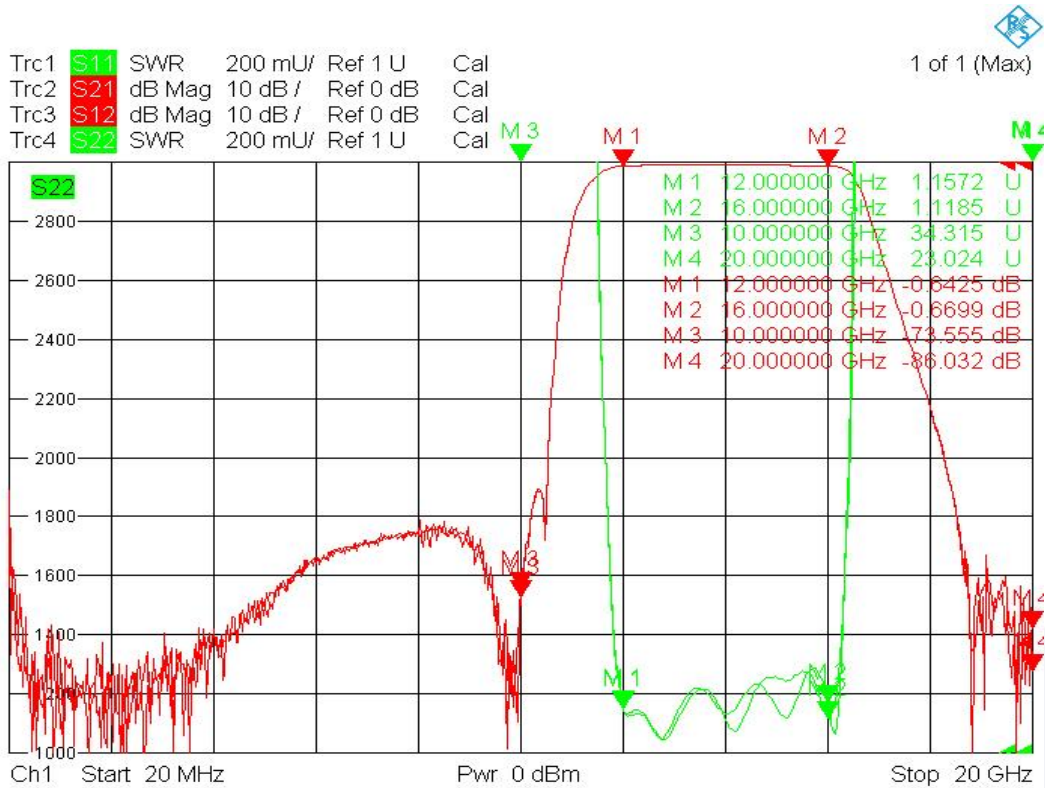


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-12G-16G-XG	Coaxial Band-pass Filter, Passband frequency range: 12-16GHz, Passband Insertion Loss: 1.5dB, 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.