

Coaxial Band-pass Filter

9.995-10.005 GHz/SMA Female

Model: TLBF-10G-10M-E

TLBF-10G-10M-E is a coaxial band-pass filter with a passband frequency from 9.995 to 10.005 GHz and a rejection frequencies @10.1 GHz. The maximum fo insertion loss of the filter is 2.5dB and the typical rejection is 35 dB.

Features:

- Passband Frequency Range 9.995 to 10.005 GHz
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

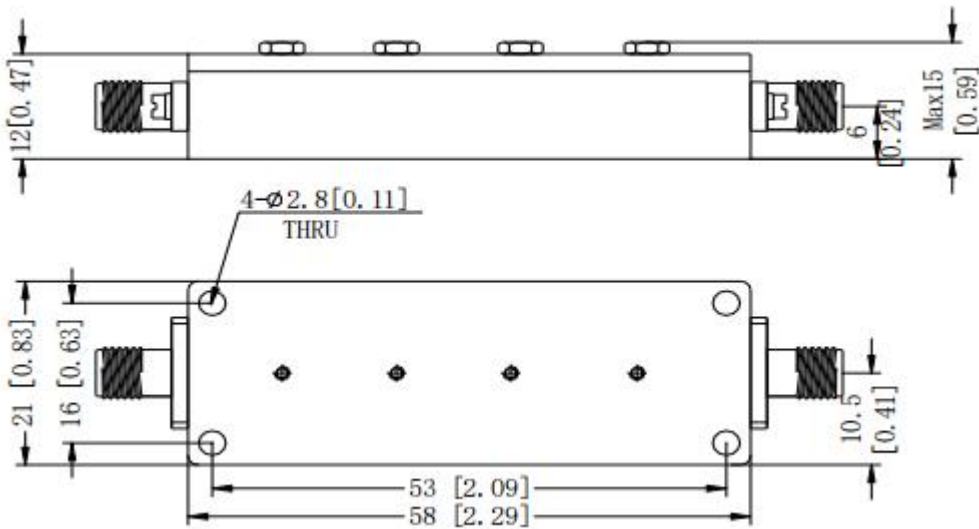
Parameter	Min	Typ	Max	Units
Passband Frequency range	9.995		10.005	GHz
Band Width			0.005	GHz
Passband Insertion Loss			2.5	dB
Pass Band Ripple			1.8	dB
Rejection	>35dB@10.1GHz			dB
Power Handling			50	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

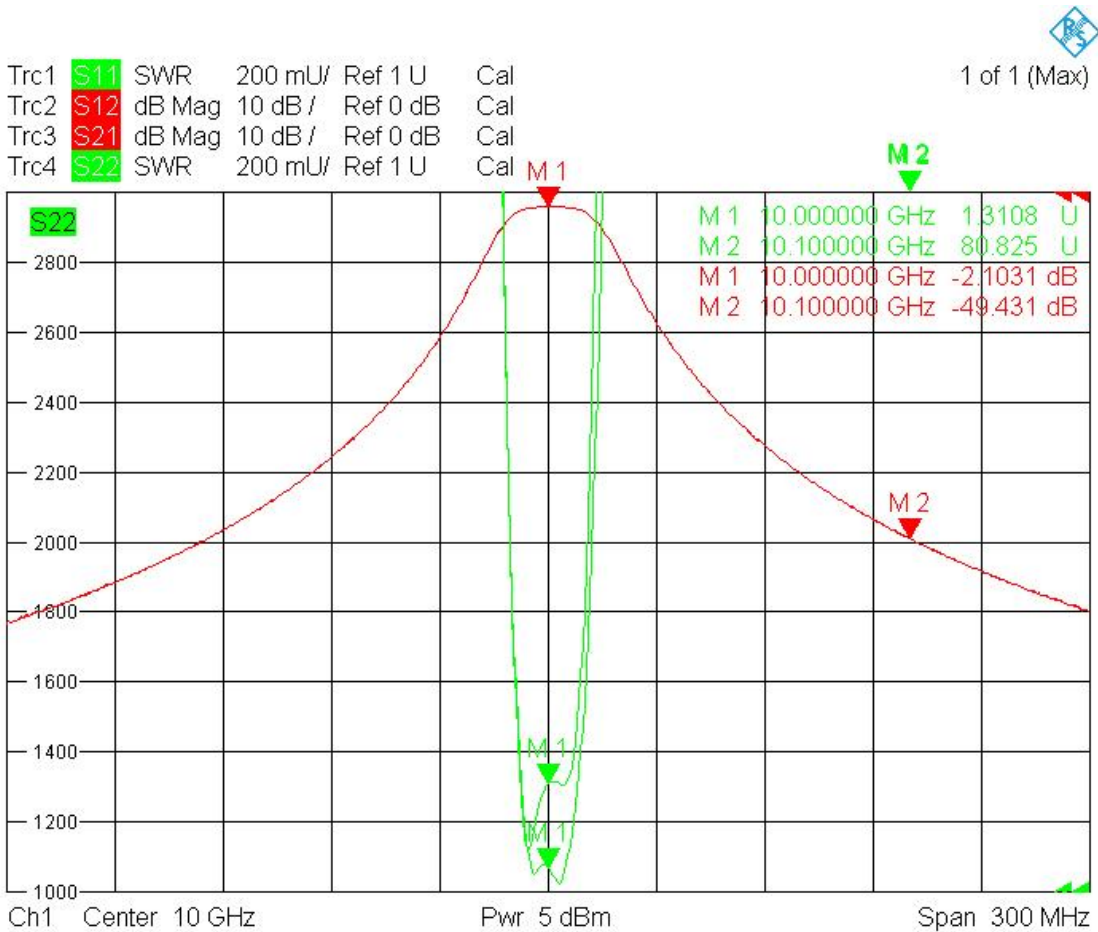


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-10G-10M-E	Coaxial Band-pass Filter, Passband frequency range: 9.995-10.005GHz, Passband Insertion Loss: 2.5dB, 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.