

Coaxial High-pass Filter

10-50 GHz/SMA Female

Model: TLHF-10G-50G-X

TLHF-10G-50G-X is a coaxial High-pass filter with a passband frequency from 10 to 50 GHz and a rejection frequency from DC to 8 GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 35 dB.

Features:

- Passband Frequency Range 10 to 50GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

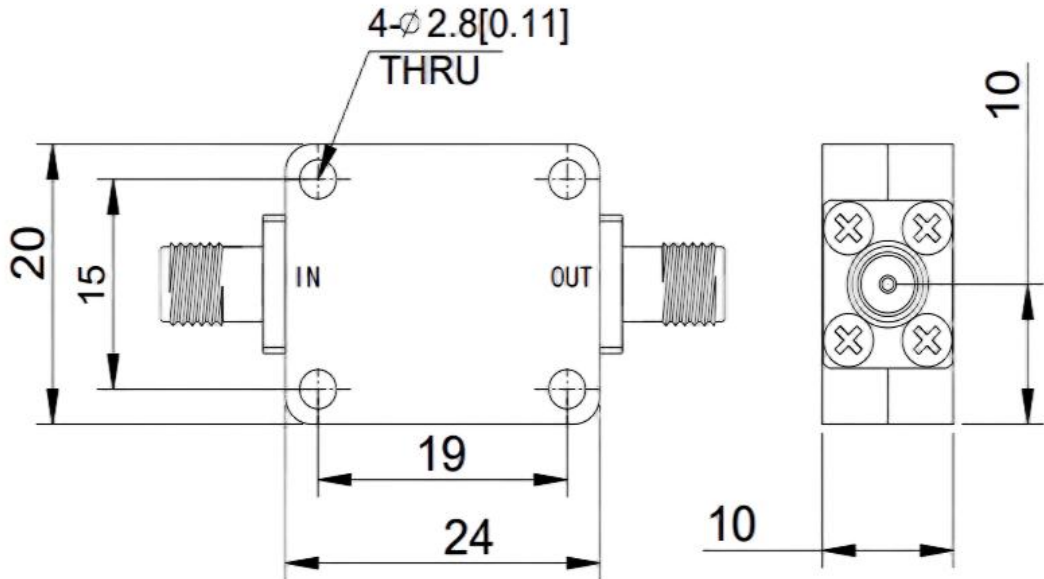
Parameter	Min	Typ	Max	Units
Passband Frequency range	10		50	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
VSWR			2.0	:1
Rejection@DC-8GHz	35			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	10*20*24	mm

Outline Drawing:

Unit:mm

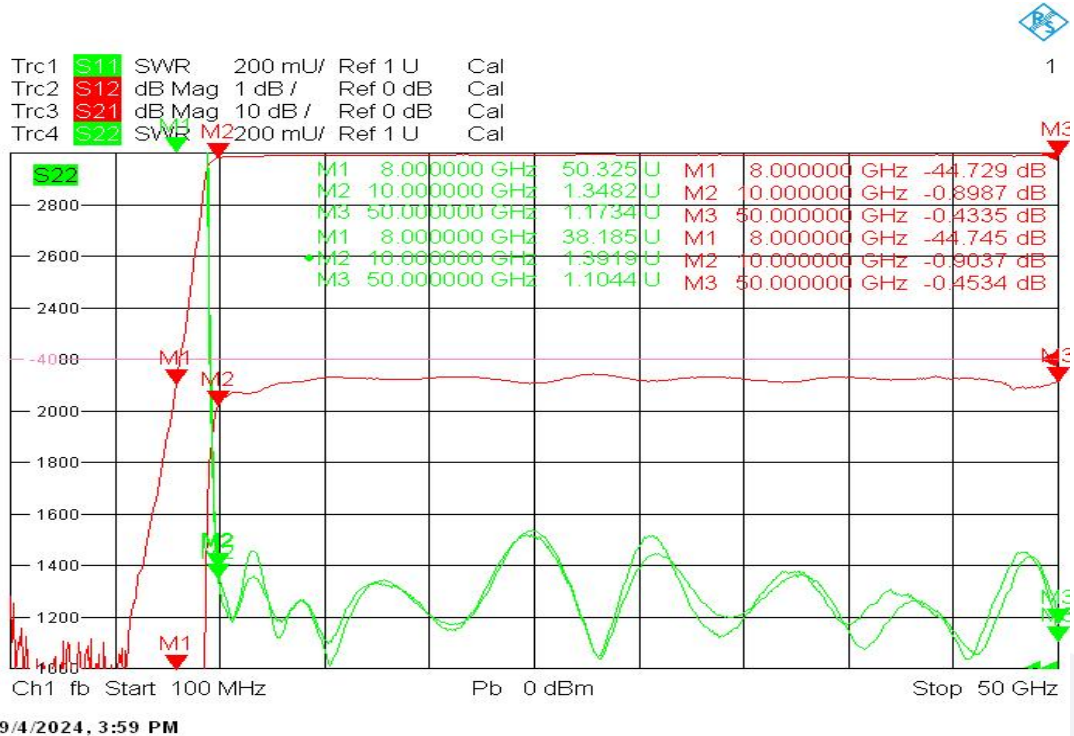


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLHF-10G-50G-X	Coaxial High-pass Filter, Passband frequency range: 10-50GHz, Passband Insertion Loss: 1.5dB, SMA Female Coaxial Fixed Termination	Rev.1.1

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.