

Coaxial High-pass Filter

9.5-18 GHz/SMA Female

Model: TLHF-9G5-18G-X

TLHF-9G5-18G-X is a coaxial High-pass filter with a passband frequency from 9.5 to 18 GHz and a rejection frequency from DC to 8.1 GHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 9.5 to 18 GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

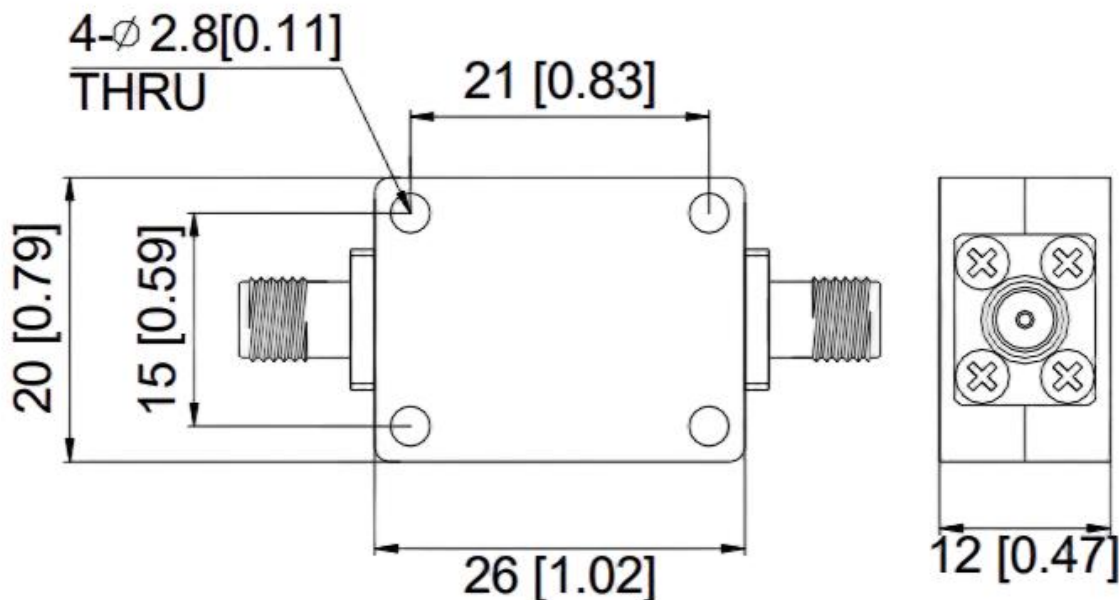
Parameter	Min	Typ	Max	Units
Passband Frequency range	9.5		18	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
VSWR			1.8	:1
Rejection@DC-8.1GHz	50			dB
Power Handling			15	W
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +70	°C
Connectors	SMA Female	
Size	12*20*26	mm

Outline Drawing:

Unit:mm

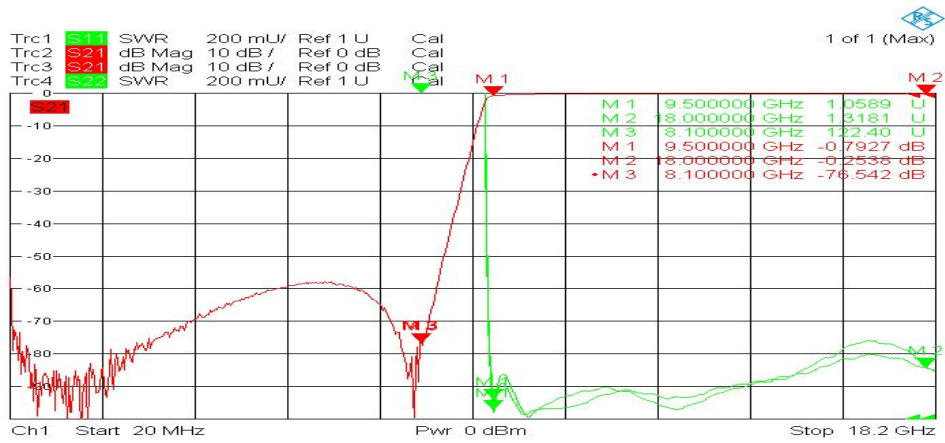


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLHF-9G5-18G-X	Coaxial High-pass Filter, Passband frequency range: 9.5-18 GHz, Passband Insertion Loss: 1.0dB, 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.