

Coaxial High-pass Filter

6.5-18 GHz/SMA Female

Model: TLHF-6G5-18G-X7

TLHF-6G5-18G-X7 is a coaxial High-pass filter with a passband frequency from 6.5 to 18 GHz and a rejection frequency from DC to 5.6 GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 6.5 to 18GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

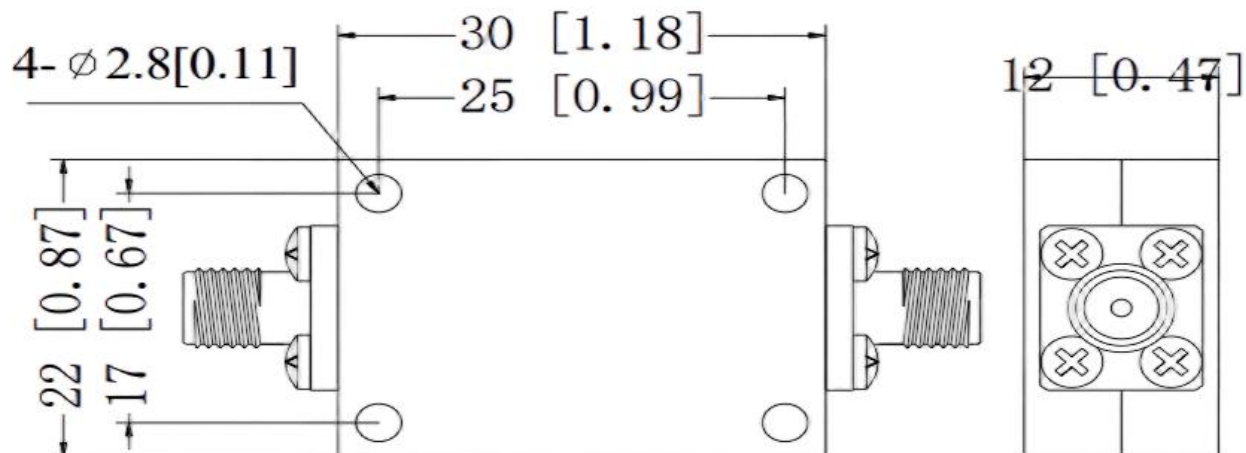
Parameter	Min	Typ	Max	Units
Passband Frequency range	6.5		18	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
VSWR			1.5	:1
Rejection@DC-5.6GHz	40			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	12*22*30	mm

Outline Drawing:

Unit:mm

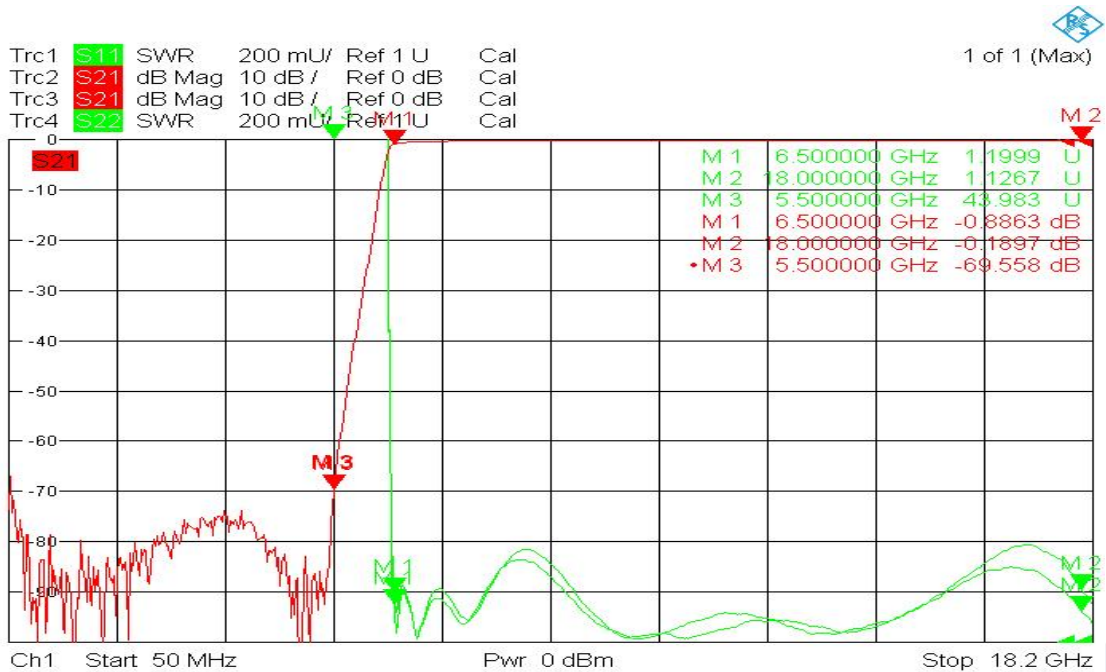


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLHF-6G5-18G-X7	Coaxial High-pass Filter, Passband frequency range: 6.5-18GHz, 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.