

Coaxial Low-pass Filter

DC-6GHz/SMA Female

Model: TLLF-DC-6G-X

TLLF-DC-6G-X is a coaxial low-pass filter with a passband frequency from 0 to 6GHz and a rejection frequency from 7.5 to 13 GHz. The nominal insertion loss of the filter is 1.2dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range DC to 6GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

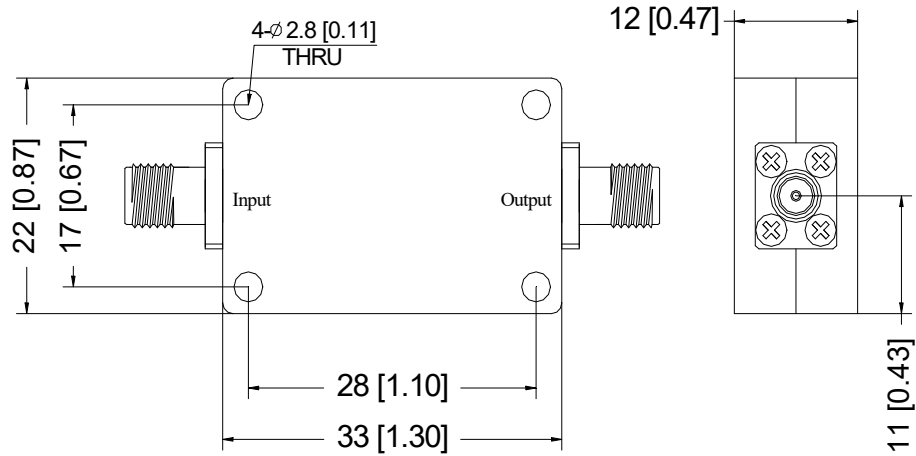
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		6	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			0.8	dB
Rejection@7.5-13Ghz	50			dB
Power Handling			15	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

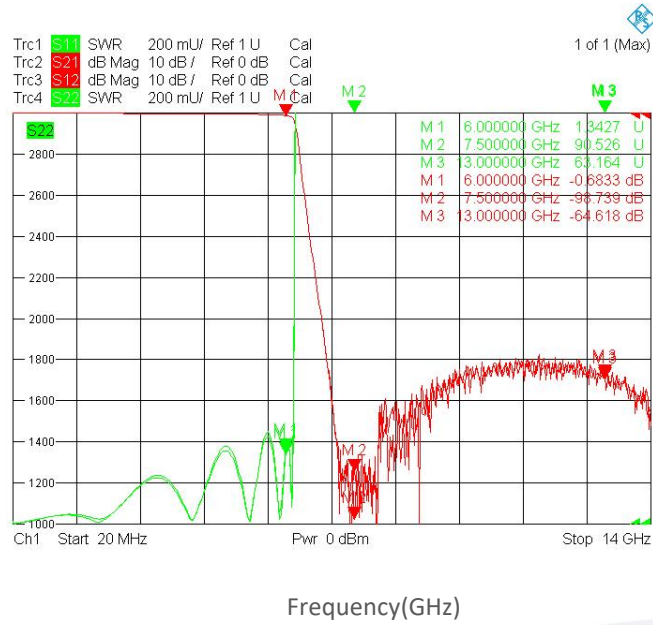


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLLF-DC-6G-X	Coaxial Low-pass Filter, Passband frequency range: DC-6GHz, Passband Insertion Loss: 1.2dB, 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.