

Coaxial Low-pass Filter

DC-7.5GHz/SMA Female

Model: TLLF-DC-7G5-X2

TLLF-DC-7G5-X2 is a coaxial low-pass filter with a passband frequency from 0 to 7.5 GHz and a rejection frequency from 8.4 to 20 GHz. The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range DC to 7.5GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

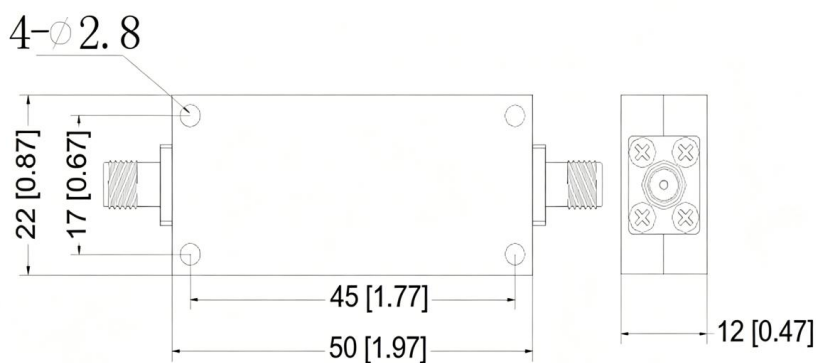
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		7.5	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			1.0	dB
Rejection@8.4-20 GHz	50			dB
Power Handling			15	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

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

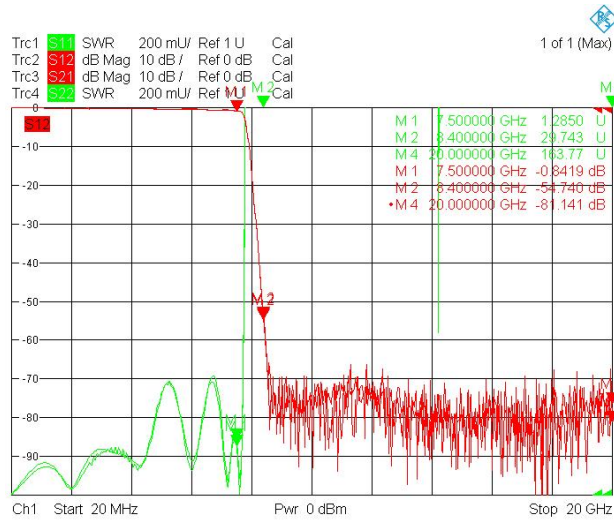


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLLF-DC-7G5-X2	Coaxial Low-pass Filter, Passband frequency range: DC-7.5GHz, Passband Insertion Loss: 1.2dB, SMA Female	Rev.1.0

Typical Performance Data:



Frequency(GHz)

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.