

Coaxial Low-pass Filter

DC-50 MHz/SMA Female

Model: TLLF-DC-50M-LC

TLLF-DC-50M-LC is a coaxial low-pass filter with a passband frequency from DC to 50 MHz and a rejection frequency @60 MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range DC to 50MHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

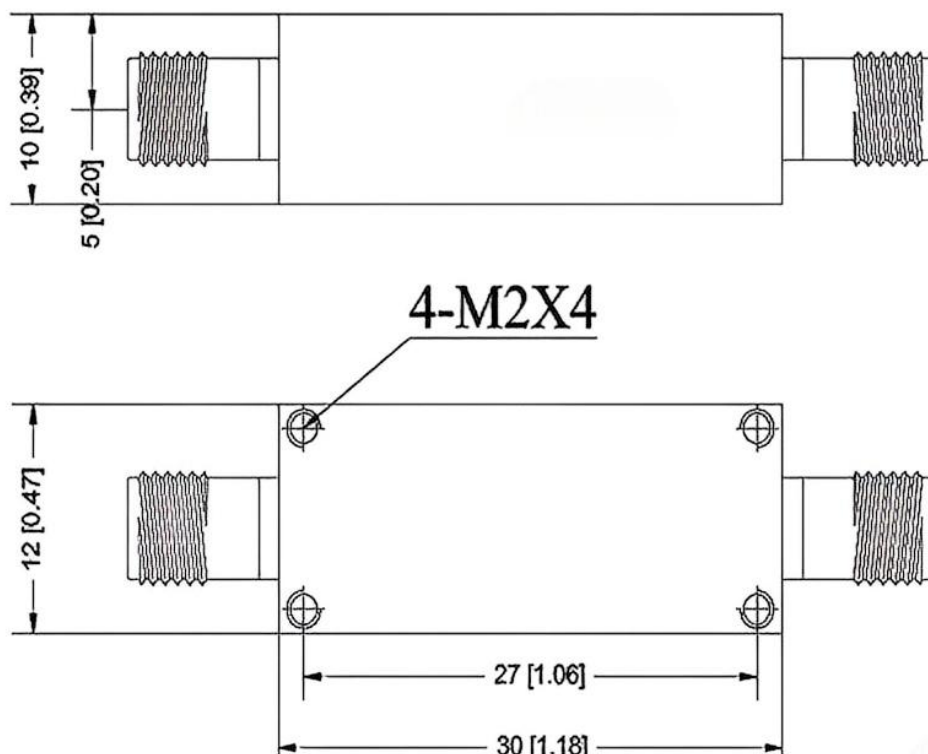
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		50	MHz
Passband Insertion Loss			2.0	dB
Pass band Ripple			1.8	dB
Rejection	>40dB@60Mhz			
Power Handling			2	W
VSWR			1.4	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	30*12*10	mm

Outline Drawing:

Unit:mm



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

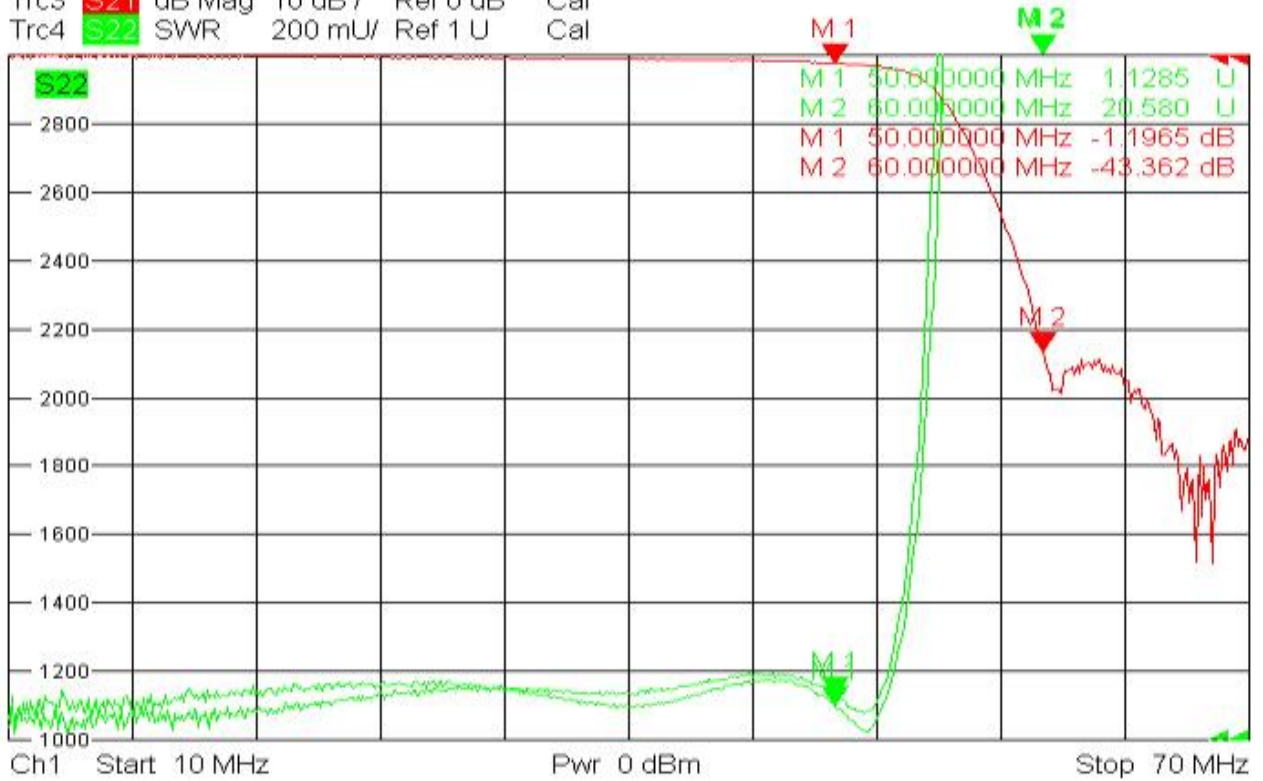
Ordering Information:

Base Number	Description	Revision
TLLF-DC-50M-LC	Coaxial Low-pass Filter, Passband frequency range: DC-50MHz, Passband Insertion Loss: 2.0dB, SMA Female	Rev.1.0

Typical Performance Data:

Trc1 **S11** SWR 200 mU/ Ref 1 U Cal
Trc2 **S21** dB Mag 10 dB / Ref 0 dB Cal
Trc3 **S21** dB Mag 10 dB / Ref 0 dB Cal
Trc4 **S22** SWR 200 mU/ Ref 1 U Cal

1 of 1 (Max)



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.