

Coaxial Low-pass Filter

DC-300 MHz/SMA Female

Model: TLLF-DC-300M-L5

TLLF-DC-300M-L5 is a coaxial low-pass filter with a passband frequency from DC to 300 MHz and a rejection frequency @450 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 45 dB.

Features:

- Passband Frequency Range DC to 300MHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

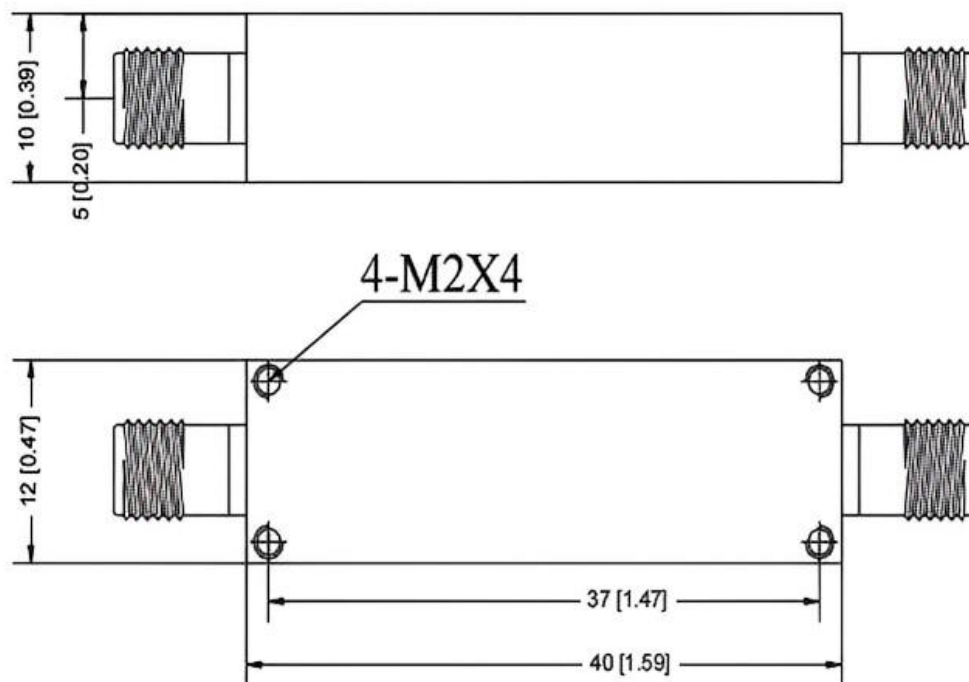
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		300	MHz
Passband Insertion Loss			1.0	dB
Pass band Ripple			1.0	dB
Rejection	>45dB@450Mhz >60dB@600Mhz			
Power Handling			10	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	3.5mm Female/3.5mm Male	
Size	40*12*10	mm

Outline Drawing:

Unit:mm

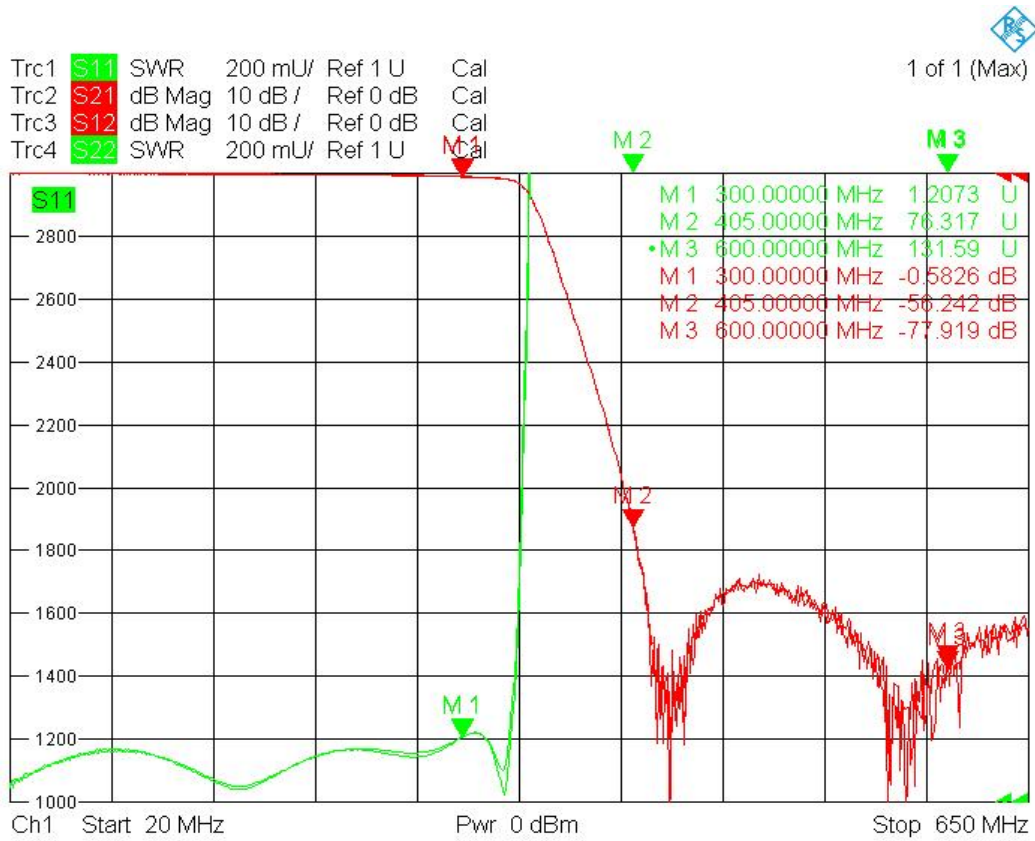


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLLF-DC-300M-L5	Coaxial Low-pass Filter, Passband frequency range: DC-300MHz, Passband Insertion Loss: 1.0dB, 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.