

Coaxial Low-pass Filter

DC-25 GHz/SMA Female

Model: TLLF-DC-25G-X4

TLLF-DC-25G-X4 is a coaxial low-pass filter with a passband frequency from DC to 25 GHz and a rejection frequency from 29 GHz to 40GHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range DC to 25GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

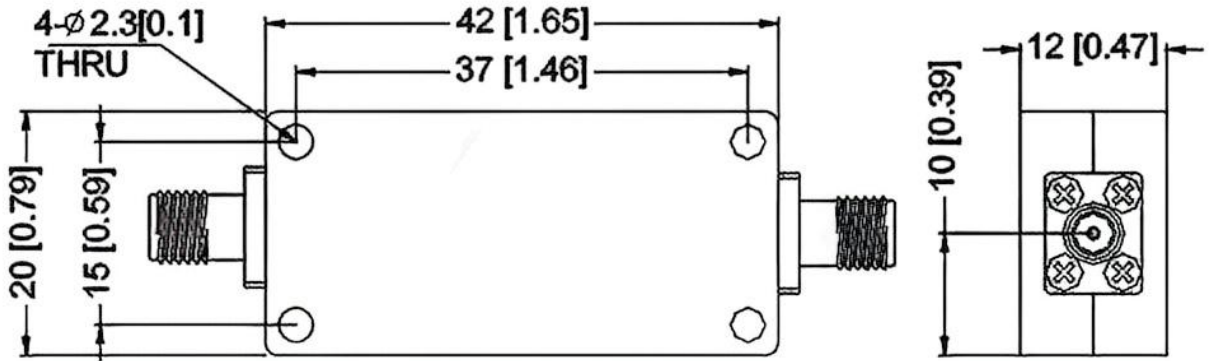
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		25	GHz
Passband Insertion Loss			2.0	dB
Pass band Ripple			1.8	dB
Rejection	>40dB@29-40GHz			
Power Handling			15	W
VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	42*20*12	mm

Outline Drawing:

Unit:mm

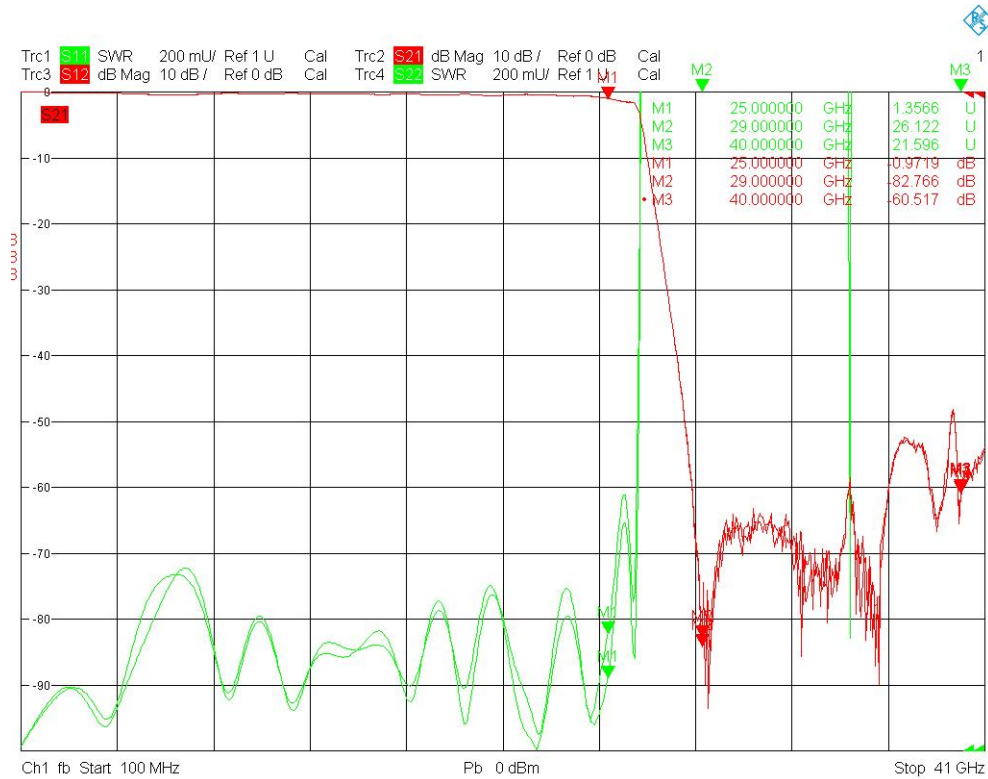


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLLF-DC-25G-X4	Coaxial Low-pass Filter, Passband frequency range: DC-25GHz, Passband Insertion Loss: 2.0dB, 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.