

Coaxial Low-pass Filter

DC-11.5GHz/SMA Female

Model: TLLF-DC-12G-T2

TLLF-DC-12G-T2 is a coaxial low-pass filter with a passband frequency from 0 to 11.5GHz and a rejection frequency from 14.4 to 34 GHz. The typical insertion loss of the filter is 0.5 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range DC to 11.5GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		12	GHz
Passband Insertion Loss		0.5		dB
Passband Return loss		-20		
Rejection@14.4GHz		-25		dB
Rejection@19-34GHz	-40	-55		
Power Handling			2	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	单位 Units
Operating Temerature	-45 To +85	°C
Storage Temperature	-55 to +125	°C
Connectors	SMA Female	

Outline Drawing:

Unit:mm

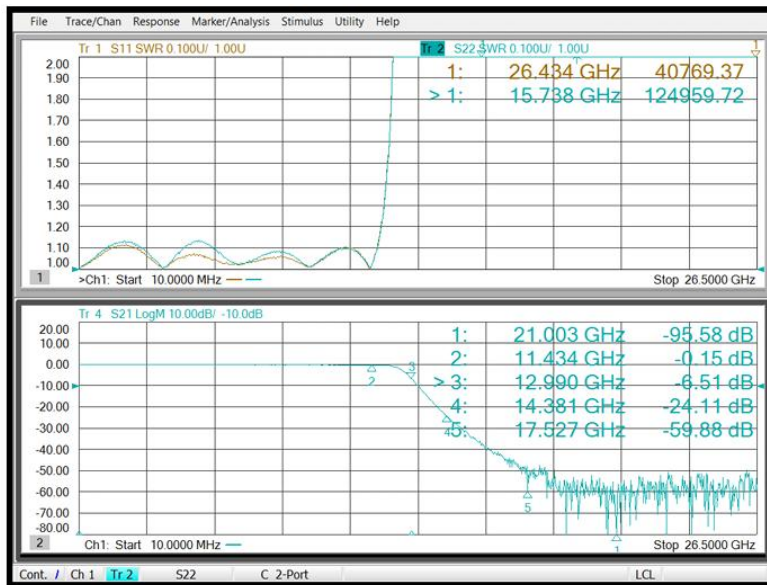


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLLF-DC-12G-T2	Coaxial Low-pass Filter, Passband frequency range: DC-12GHz, Passband Insertion Loss: 0.5dB Typ, 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.