

Coaxial Lowpass Filter
LT-LF-DC-12G-2.92XX
DC -12 GHz, 2.92 mm



LT-LF-DC-12G-2.92XX is a coaxial lowpass filter with a passband frequency from DC to 12 GHz . The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range DC to 12 GHz
- 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			1.2	dB
Rejection	20@16.2GHz,40@19.4GHz			dB
Power Handling			1	W
Return Loss		18		dB
Impedance	50			Ohms

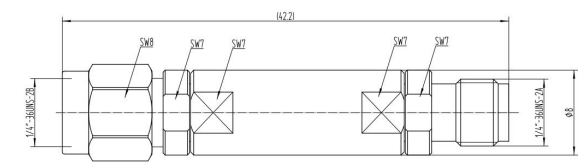
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-55 To +125	°C
Storage Temerature	-65 to +150	°C
Connectors	2.92mm	

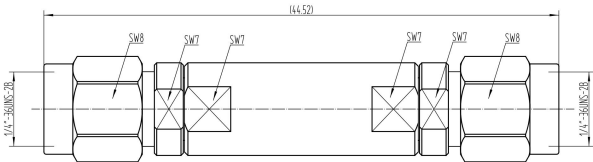
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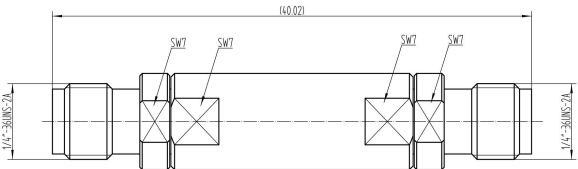
Outline Drawing: Unit:mm



LT-LF-DC-12G-2.92MF



LT-LF-DC-12G-2.92MM

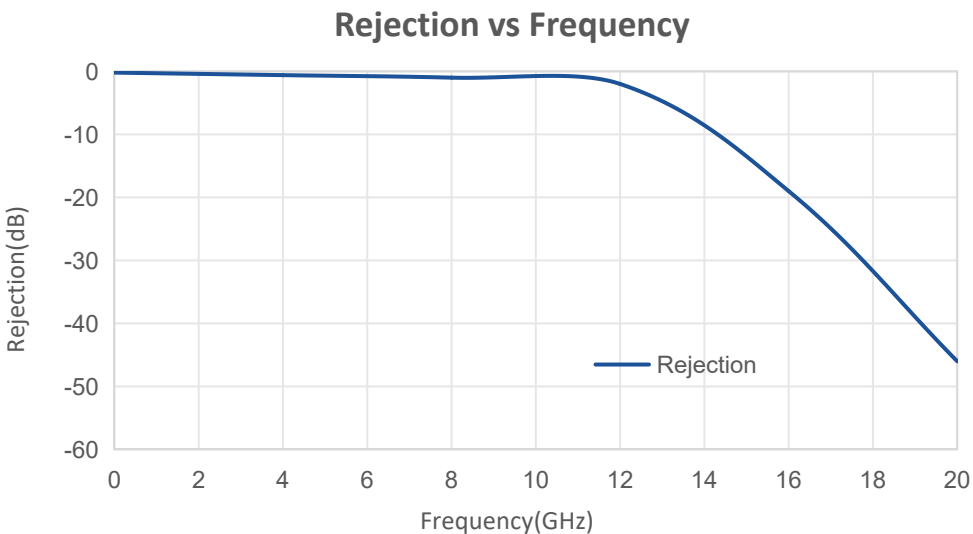
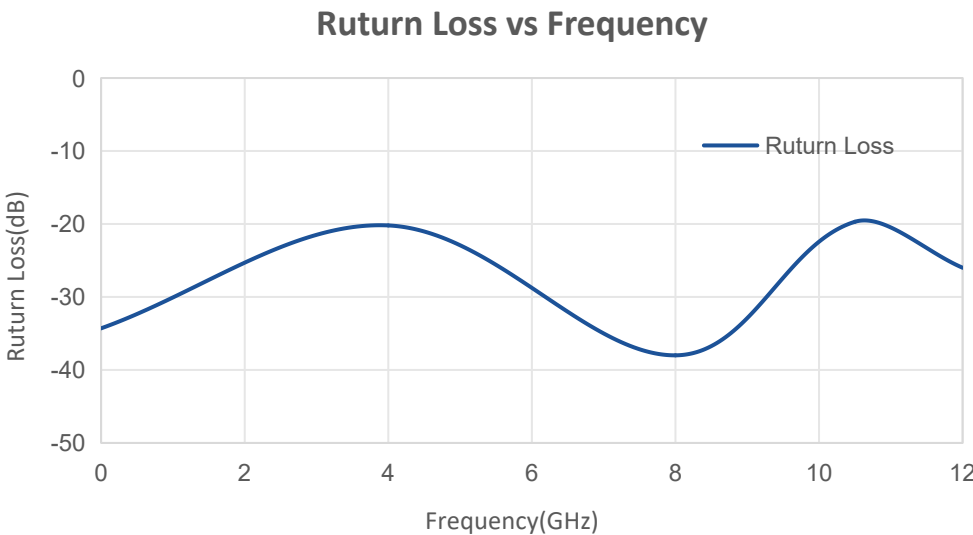
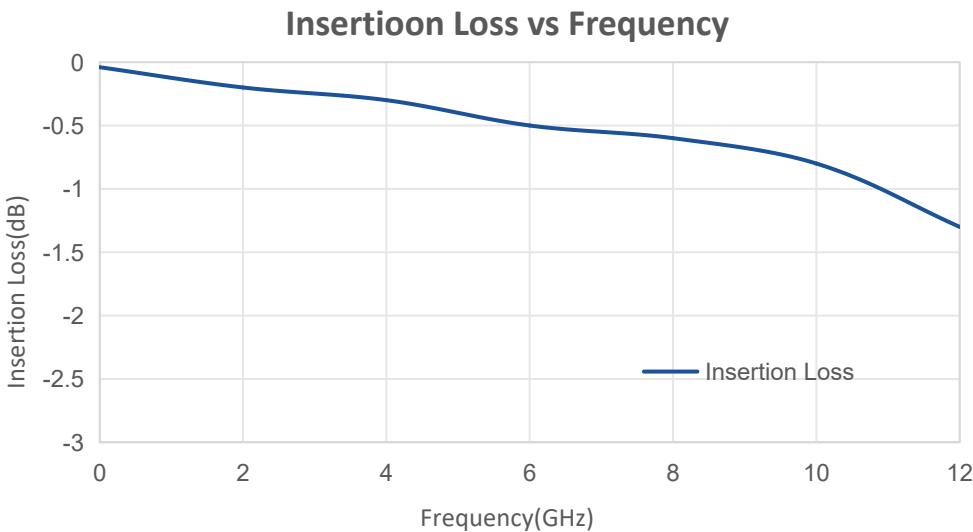


LT-LF-DC-12G-2.92FF

Ordering Information:

Base Number	Description	Revision
LT-LF-DC-12G-2.92MF	Coaxial Lowpass Filter,Passband frequency range:DC-12GHz,Passband Insertion Loss:1.2dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
LT-LF-DC-12G-2.92MM	Coaxial Lowpass Filter,Passband frequency range:DC-12GHz,Passband Insertion Loss:1.2dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
LT-LF-DC-12G-2.92FF	Coaxial Lowpass Filter,Passband frequency range:DC-12GHz,Passband Insertion Loss:1.2dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1

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.