

Coaxial Band-pass Filter

11-18 GHz/SMA Female

Model: TLBF-11G-18G-X

TLBF-11G-18G-X is a coaxial band-pass filter with a passband frequency from 11 to 18 GHz and a rejection frequencies from DC-9.35GHz and 20.8-21 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 11 to 18 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

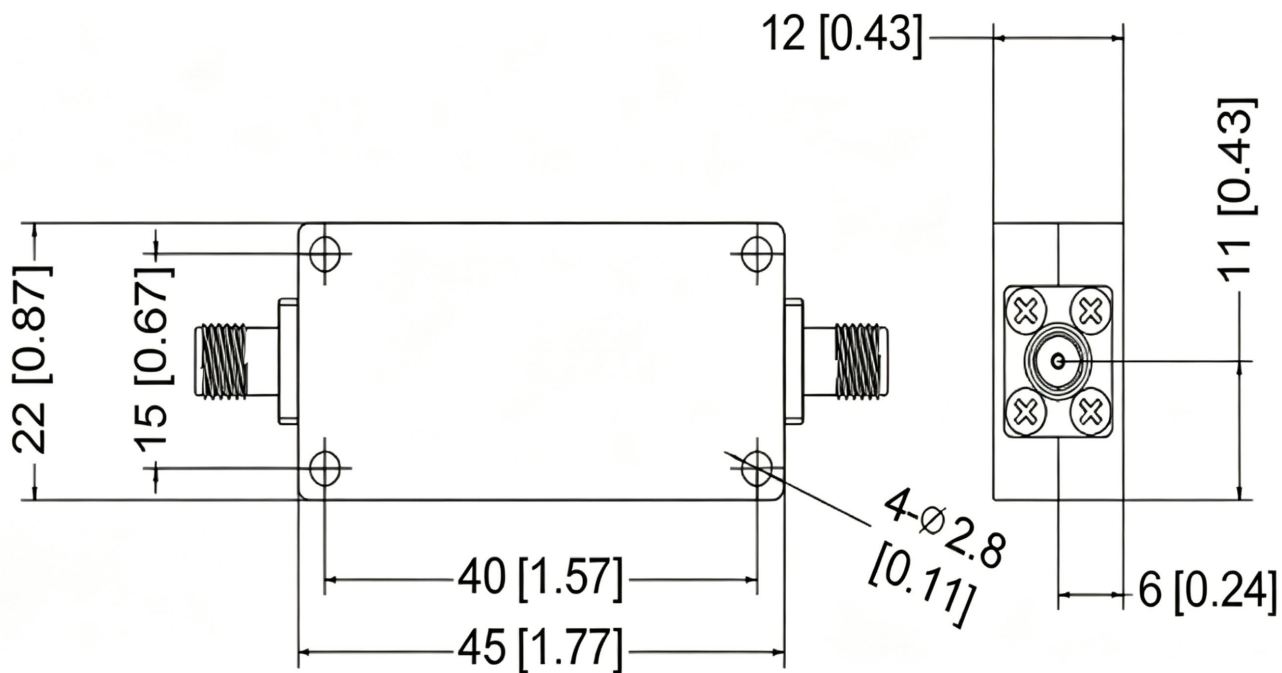
Parameter	Min	Typ	Max	Units
Passband Frequency range	11		18	GHz
Band Width			7	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>50dB@dc-9.35GHz 20.8-21GHz			dB
Power Handling			15	W
VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-11G-18G-X	Coaxial Band-pass Filter, Passband frequency range: 11-18GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0