

Coaxial Band-pass Filter

5-6 GHz/SMA Female

Model: TLBF-5G5-1G-E

TLBF-5G5-1G-E is a coaxial band-pass filter with a passband frequency from 5 to 6 GHz and a rejection frequencies from 4.4 GHz to 6.6 GHz. The maximum insertion loss of the filter is 1.8 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 5 to 6 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

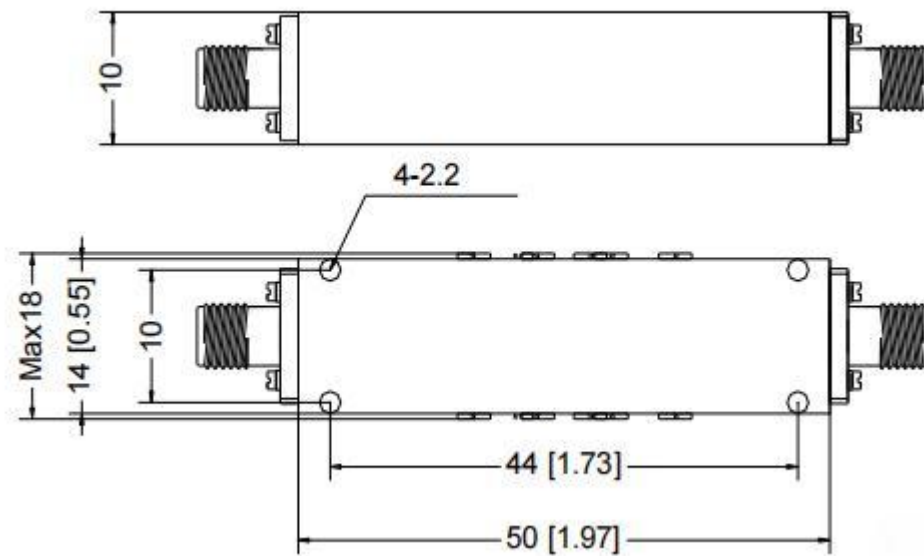
Parameter	Min	Typ	Max	Units
Passband Frequency range	5		6	GHz
Band Width			1	GHz
Passband Insertion Loss			1.8	dB
Pass Band Ripple			1.6	dB
Rejection	>40dB@Fc±600Mhz			
Power Handling			10	W
VSWR			1.6	:1
Impedance	50			Ohms

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-5G5-1G-E	Coaxial Band-pass Filter, Passband frequency range: 5-6GHz, Passband Insertion Loss: 1.8dB, SMA Female	Rev.1.0