

Coaxial Band-pass Filter

3.65-4.6GHz/ SMA Female

Model: TLBF-3G65-4G6-X

TLBF-3G65-4G6-X is a coaxial band-pass filter with a passband frequency from 3.65 to 4.6GHz and a rejection frequencies from 0 to 3.1GHz and 5.2 to 10GHz. The nominal insertion loss of the filter is 1.5dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range: 3.65 to 4.6GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

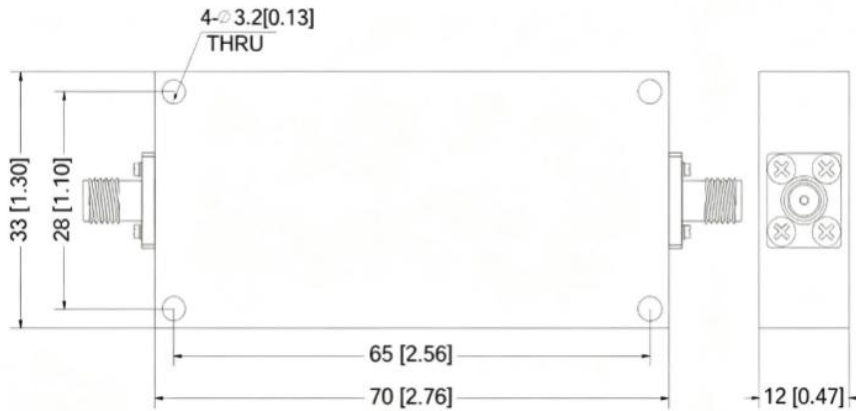
Parameter	Min	Typ	Max	Units
Passband Frequency range	3.65		4.6	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
Rejection	>40dB@dc-3.1Ghz 5.2-10Ghz			dB
Power Handling			15	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-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-3G65-4G6-X	Coaxial Band-pass Filter, Passband frequency range: 3.65 to 4.6GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0