

Coaxial Band-pass Filter

2-14GHz/ SMA Female

Model: TLBF-2G-14G-X

TLBF-2G-14G-X is a coaxial band-pass filter with a passband frequency from 2 to 14 GHz and a rejection frequencies from 0 to 0.8GHz and 16 to 18GHz. The nominal insertion loss of the filter is 1.8dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range: 2 to 14GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

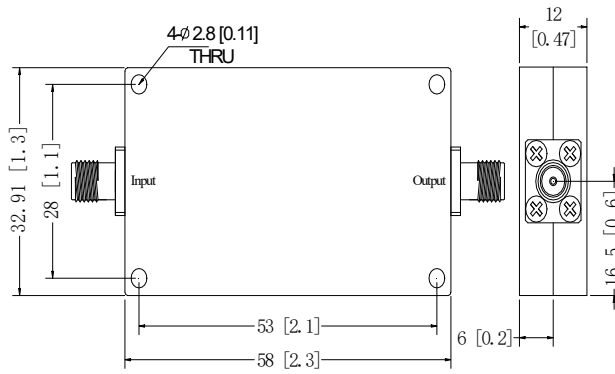
Parameter	Min	Typ	Max	Units
Passband Frequency range	2		14	GHz
Passband Insertion Loss			1.8	dB
Pass Band Ripple			1.6	dB
Rejection	>50dB@dc-0.8Ghz 16-18Ghz			dB
Power Handling			15	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

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-2G-14G-X	Coaxial Band-pass Filter,Passband frequency range: 2 to 14GHz ,Passband Insertion Loss:1.8dB, SMA Female	Rev.1.0