

Coaxial Band-pass Filter

5-10GHz/ N Female/male

Model: TLBF-5G-10G-XN

TLBF-5G-10G-XN is a coaxial band-pass filter with a passband frequency from 5 to 10 GHz and a rejection frequencies from 0 to 4.1GHz and 11.5to 18GHz. The nominal insertion loss of the filter is 1.0dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range: 5 to 10GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

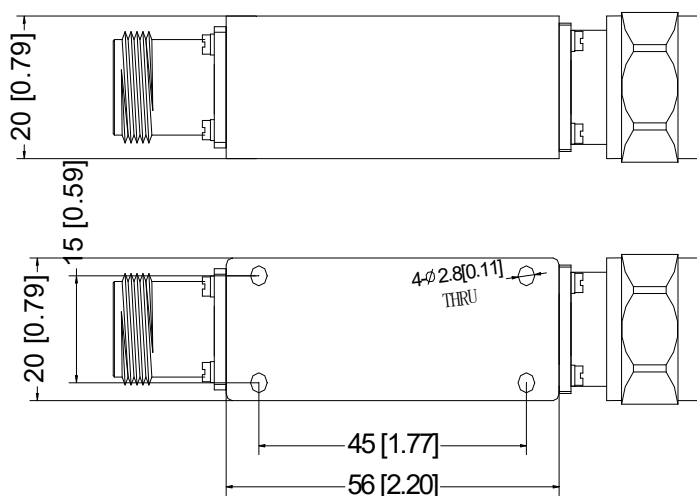
Parameter	Min	Typ	Max	Units
Passband Frequency range	5		10	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			1.6	dB
Rejection	>40dB@dc-4.1Ghz 11.5-18Ghz			dB
Power Handling			15	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	N Female/Male	

Outline Drawing:

Unit:mm;



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

Ordering Information:

Base Number	Description	Revision
TLBF-5G-10G-XN	Coaxial Band-pass Filter, Passband frequency range: 5 to 10GHz , Passband Insertion Loss: 1.0dB, N Female/Male	Rev.1.0