

Coaxial Bandpass Filter

9-11 GHz/SMA Female

Model: TLBF-9G-11G-E-Cryo

TLBF-9G-11G-E-Cryo is a coaxial bandpass filter with a passband frequency from 9 to 11 GHz . The nominal insertion loss of the filter is 1.5 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range:9-11GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

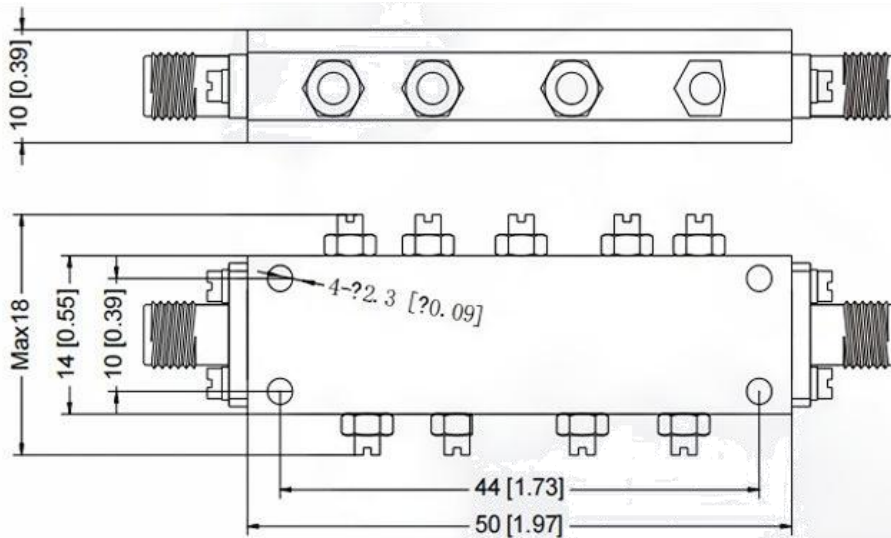
Parameter	Min	Typ	Max	Units
Passband Frequency range	9		11	GHz
Band Width			2000	MHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.0	dB
Rejection	>40dB@DC-8Ghz 12-14Ghz			dB
Power Handling			15	W
Input VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Connectors	SMA Female	
Size	50*18*10	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-9G-11G-E-Cryo	Coaxial Bandpass Filter, Passband frequency range :9-11GHz, Passband Insertion Loss:1.5dB, SMA Female	Rev.1.0

Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.