

Coaxial Bandpass Filter

3.05-3.2 GHz/SMA Female

Model: TLBF-3G-3G2-E-Cryo

TLBF-3G-3G2-E-Cryo is a coaxial bandpass filter with a passband frequency from 3.05 to 3.2 GHz . The nominal insertion loss of the filter is 1.0 dB and the typical rejection is 90 dB.

Features:

- Passband Frequency Range:3.05-3.2 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	3.05		3.2	GHz
Band Width			150	MHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.9	dB
Rejection	>30dB@2900Mhz >90dB@DC-2500MHz			dB
Power Handling			30	W
Input VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Connectors	SMA Female	
Size	/	

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-3G-3G2-E-Cryo	Coaxial Bandpass Filter, Passband frequency range :3.05-3.2GHz, Passband Insertion Loss:1.0dB, 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.