

Coaxial Band-pass Filter

2-6GHz/ SMA Female

Model: TLBF-4000-01-SMF

TLBF-4000-01-SMF is a coaxial band-pass filter with a passband frequency from 2 to 6 GHz and a rejection frequencies from 0 to 1.6GHz and 6.9 to 18 GHz. The nominal insertion loss of the filter is 1.5 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range: 2 to 6 GHz
- 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		6	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
Rejection	>50dB@dc-1.6Ghz 6.9-18Ghz			dB
Power Handling			15	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temerature	-40 to +70	°C
Connectors	SMA Female	

Unit:mm;



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

Ordering Information:

Base Number	Description	Revision
TLBF-4000-01-SMF	Coaxial Band-pass Filter,Passband frequency range:2 to 6GHz ,Passband Insertion Loss:1.5dB, SMA Female	Rev.1.0