

Coaxial Band-pass Filter

2.49-2.51GHz/ SMA Female

Model: TLBF-2G5-20M-EX

TLBF-2G5-20M-EX is a coaxial band-pass filter with a 3db passband frequency of 20MHz and a rejection frequencies from 0 to 2.42GHz and 2.58 to 18GHz. The nominal insertion loss of the filter is 2.0dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 2.49 to 2.51GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	2.49	2.5	2.51	GHz
3 BD Band Width			20	
Insertion Loss (fo)			2.0	dB
Pass Band Ripple			0.8	dB
Rejection	>50dB@F0+-80MHz >50dB@2.58-18GHz			dB
Power Handling			15	W
Input VSWR			1.5	:1
Output VSWR			1.5	: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-2G5-20M-EX	Coaxial Band-pass Filter, 3db Band Width 20MHz , Insertion Loss (fo) :2.0dB, SMA Female	Rev.1.0