

Coaxial Band-pass Filter

17.7-21.2 GHz/SMA

Model: TLBF-17G7-21G2-A

TLBF-17G7-21G2-A is a coaxial band-pass filter with a passband frequency from 17.7 to 21.2 GHz and a rejection frequencies from DC-16.2 GHz and 22.7 GHz. The maximum fo insertion loss of the filter is 1.5 dB and the typical rejection is 25 dB.

Features:

- Passband Frequency Range 17.7 to 21.2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

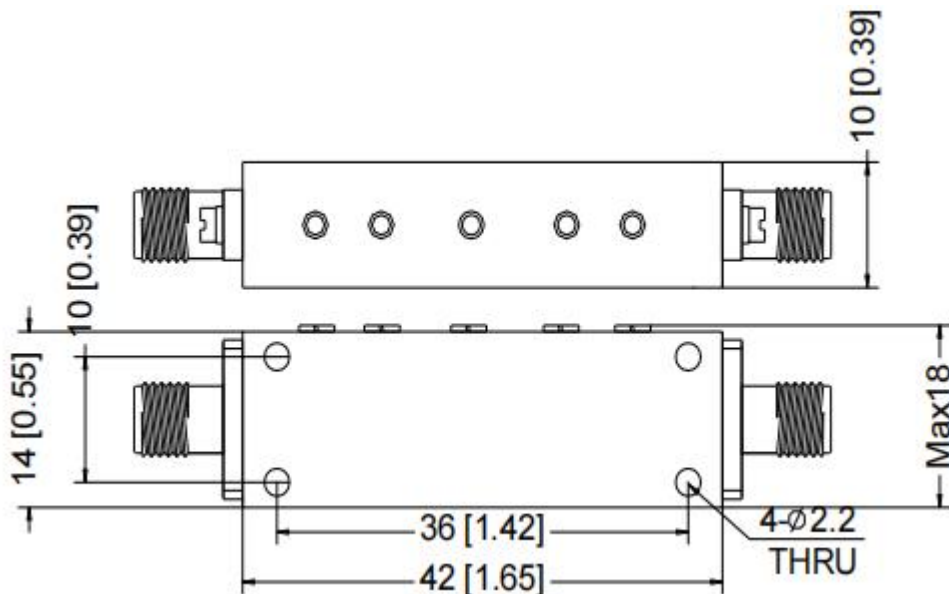
Parameter	Min	Typ	Max	Units
Passband Frequency range	17.7		21.2	GHz
Band Width			3.5	GHz
Insertion Loss		1.2	1.5	dB
Pass Band Ripple			1.0	dB
Rejection	≥50dB@DC-16.2GHz &22.7GHz			dB
Power Handling			20	W
VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

外形图 Outline Drawing:

Unit:mm

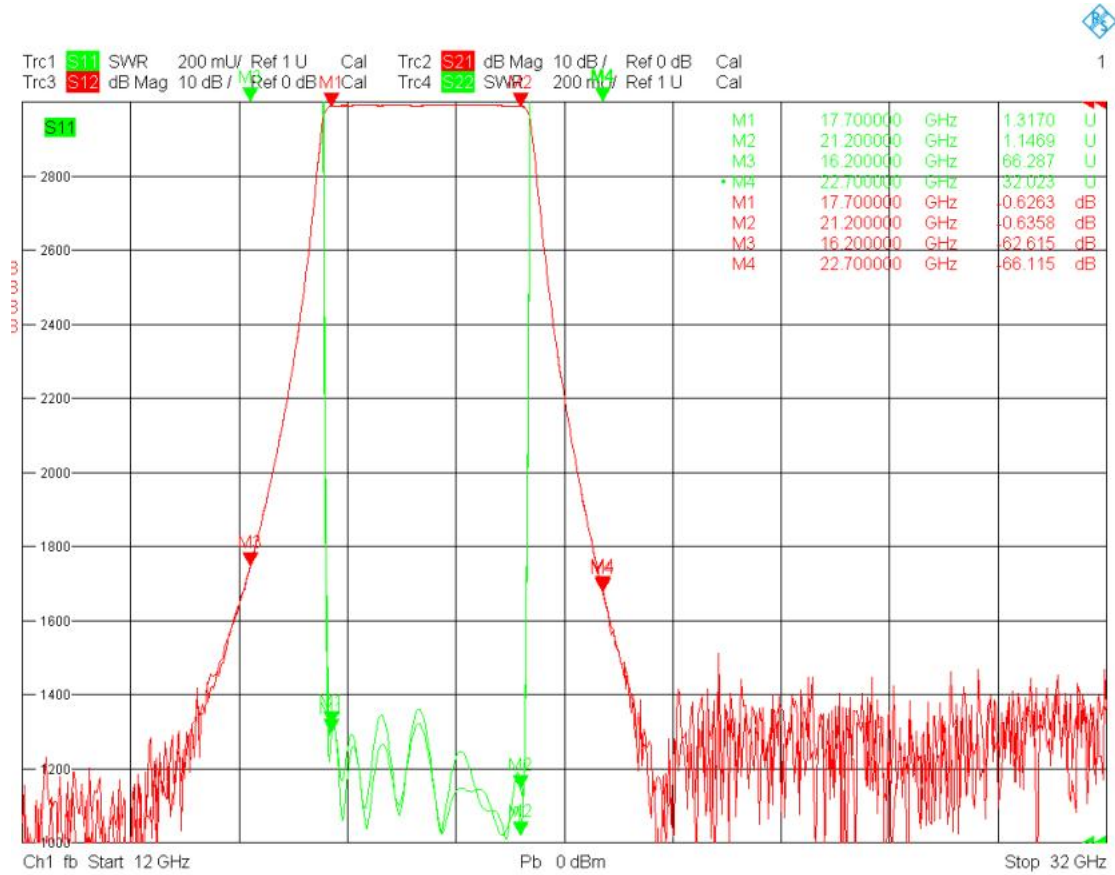


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-17G7-21G2-A	Coaxial Band-pass Filter, Passband frequency range: 17.7-21.2GHz, Passband Insertion Loss: 1.5dB, SMA	Rev.1.0

Typical Performance Data:



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.