

Coaxial Band-pass Filter

16-21 GHz/SMA Female

Model: TLBF-16G-21G-E

TLBF-16G-21G-E is a coaxial band-pass filter with a passband frequency from 16 to 21 GHz and a rejection frequencies from DC-15 GHz and 22 GHz. The maximum fo insertion loss of the filter is 1.0 dB and the typical rejection is 25 dB.

Features:

- Passband Frequency Range 16 to 21 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

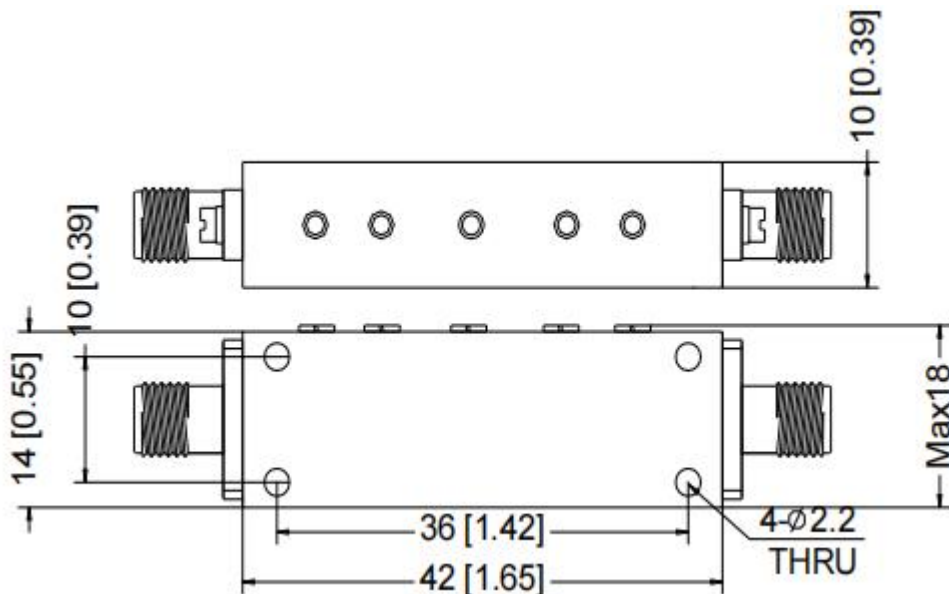
Parameter	Min	Typ	Max	Units
Passband Frequency range	16		21	GHz
Band Width			5	GHz
Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>25dB@DC-15GHz 22Ghz			dB
Power Handling			50	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

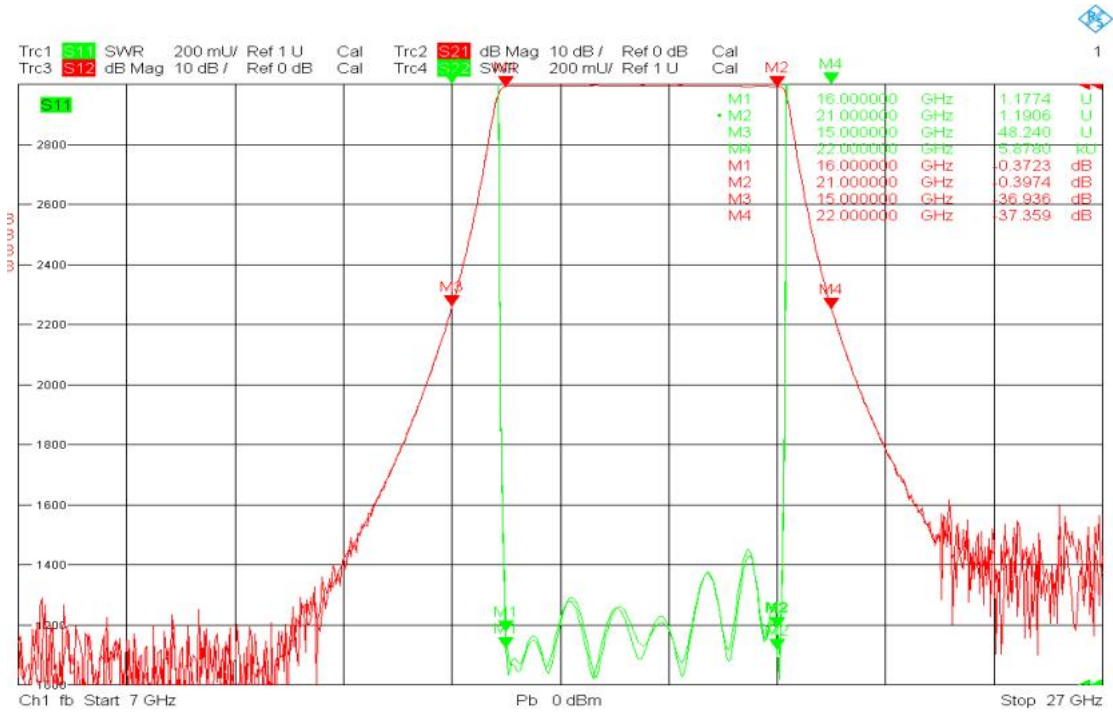


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-16G-21G-E	Coaxial Band-pass Filter, Passband frequency range: 16-21GHz, Passband Insertion Loss: 1.0dB, SMA Female	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.