

Coaxial Band-pass Filter

1550-1620 MHz/SMA Female

Model: TLBF-1G585-70M-E

TLBF-1G585-70M-E is a coaxial band-pass filter with a passband frequency from 1550 to 1620 MHz and a rejection frequencies at $f_c \pm 100$ MHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 62 dB.

Features:

- Passband Frequency Range 1550 to 1620 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

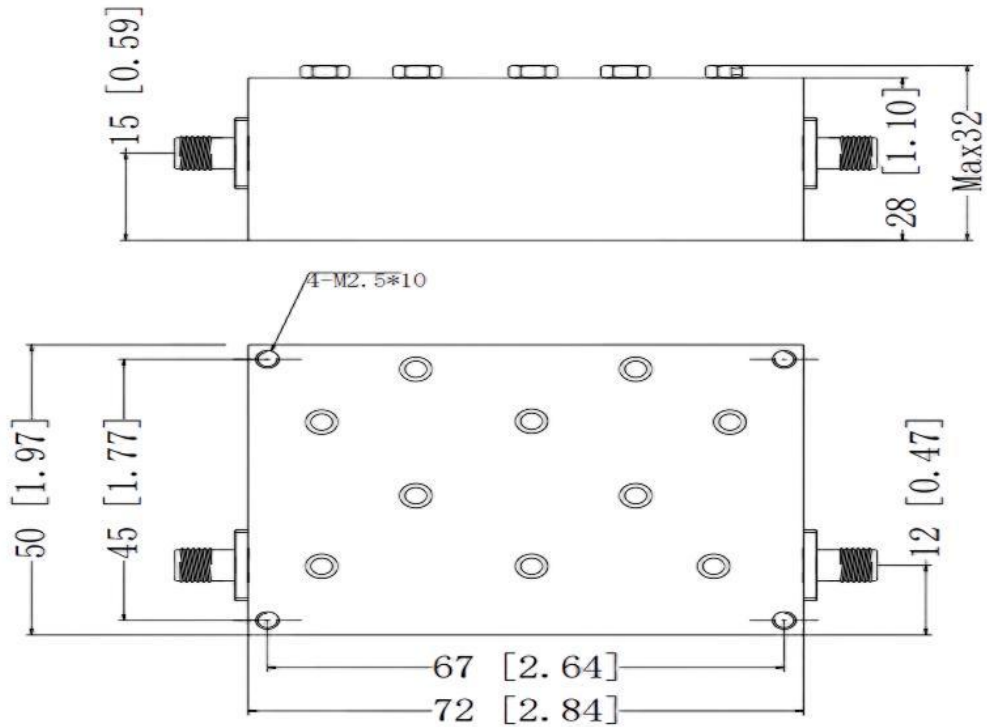
Parameter	Min	Typ	Max	Units
Passband Frequency range	1550		1620	MHz
Band Width			70	MHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
VSWR			1.5	:1
Rejection@ $f_c \pm 100$ MHz	62			dB
Power Handling			20	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	28*50*72	mm

Outline Drawing:

Unit:mm

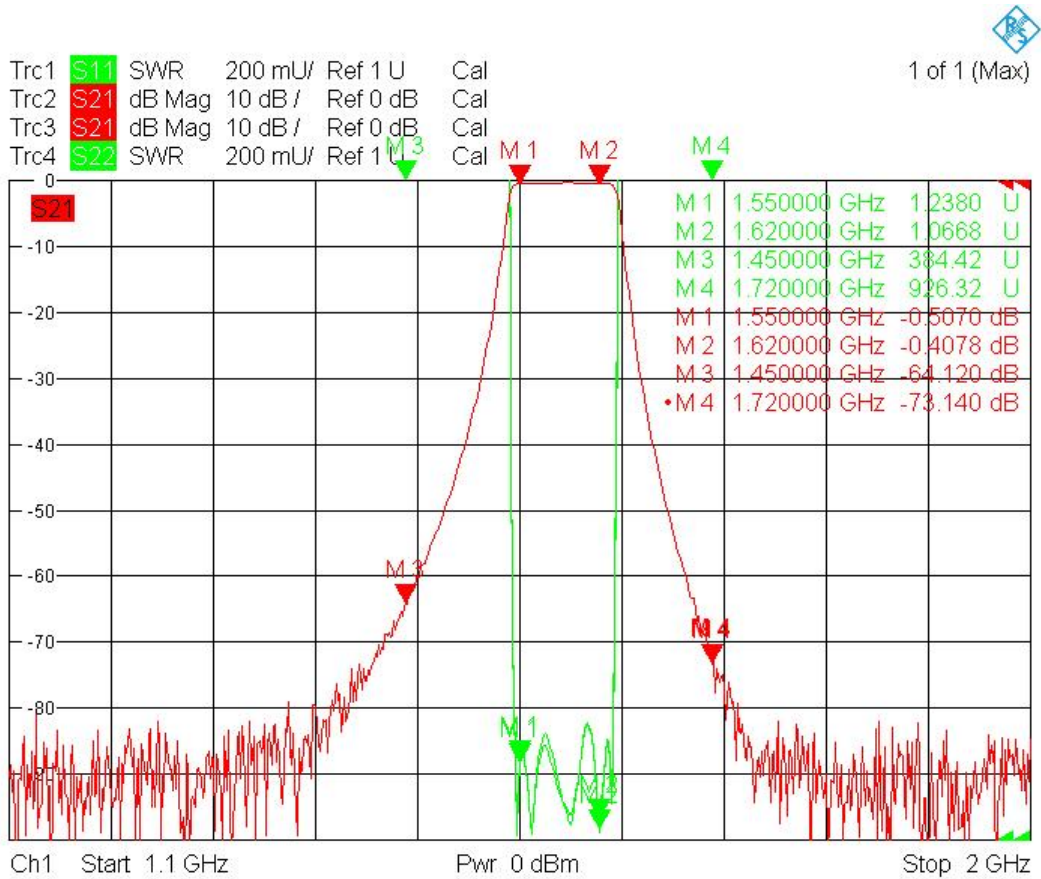


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1G585-70M-E	Coaxial Band-pass Filter, Passband frequency range: 1550-1620 MHz, Passband Insertion Loss: 1.5 dB, 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.