

Coaxial Band-pass Filter

Center Frequency 1.43 GHz/SMA Female

Model: TLBF-1G43-10M-E

TLBF-1G43-10M-E is a coaxial band-pass filter with a passband center frequency at 1.43 GHz and a rejection frequencies at $f_c \pm 40$ MHz. The maximum insertion loss of the filter is 1.8 dB and the minimum rejection is 40 dB.

Features:

- Passband Center Frequency 1.43 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

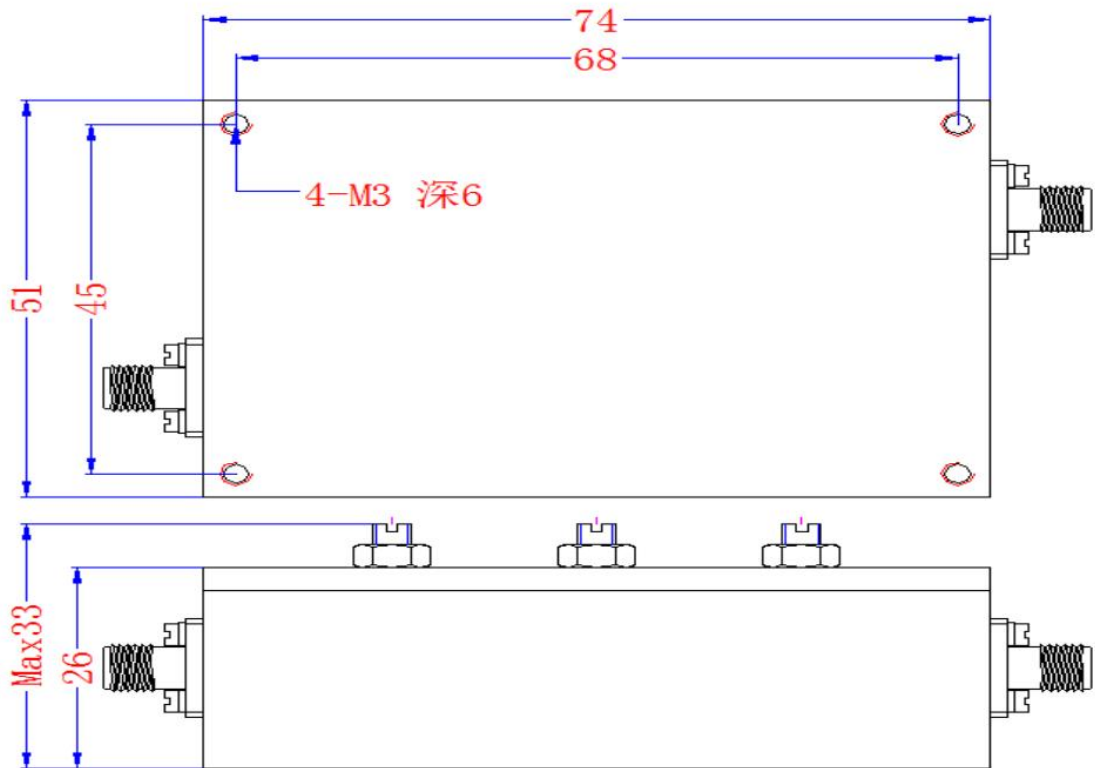
Parameter	Min	Typ	Max	Units
Passband Frequency range	1.425		1.435	GHz
Band Width			10	MHz
Passband Insertion Loss			1.8	dB
Pass Band Ripple			2	dB
VSWR			1.5	:1
Rejection@ $f_c \pm 40$ MHz	40			dB
Power Handling			5	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	26*45*74	mm

Outline Drawing:

Unit:mm

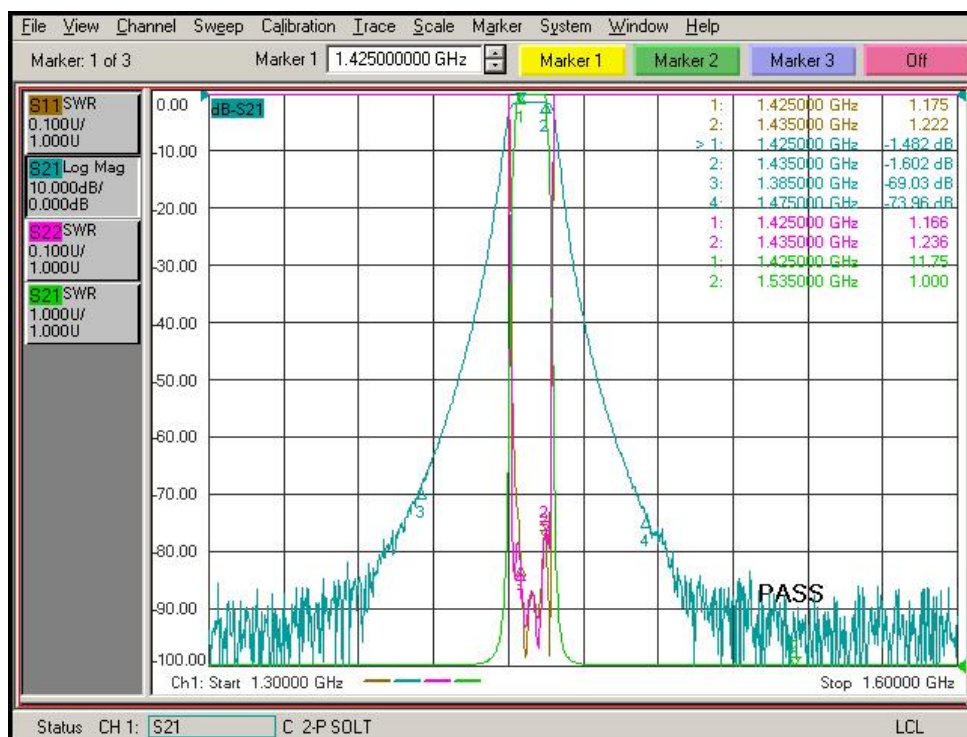


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1G43-10M-E	Coaxial Band-pass Filter, Passband center frequency: 1.43GHz, Passband Insertion Loss: 1.8dB, 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.