

Coaxial Band-pass Filter

1.35-1.45 GHz/SMA Female&Male

Model: TLBF-1G35-1G45-E

TLBF-1G35-1G45-E is a coaxial band-pass filter with a passband frequency from 1.35 to 1.45 GHz and a rejection frequencies point at 1200 MHz and 1550 MHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 20 dB.

Features:

- Passband Frequency Range 1.35 to 1.45 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

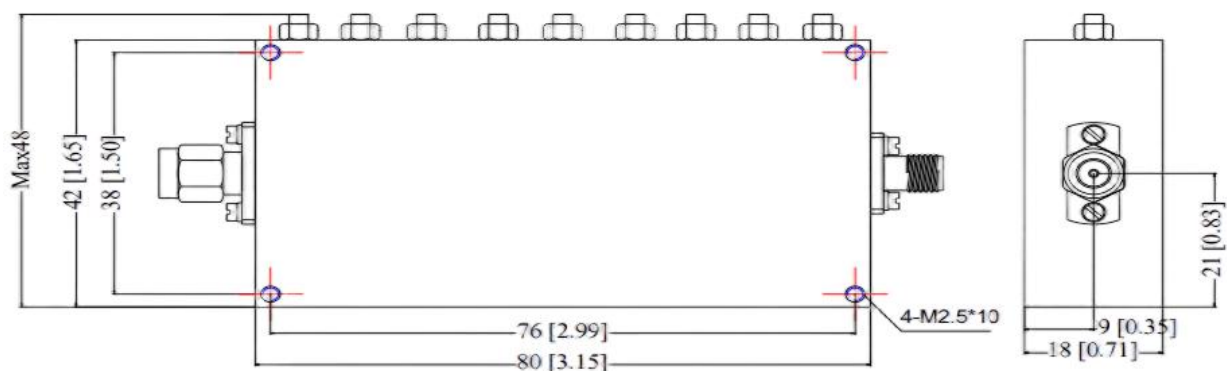
Parameter	Min	Typ	Max	Units
Passband Frequency range	1.35		1.45	GHz
Band Width			100	MHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
VSWR			1.5	:1
Rejection@1200MHz&1550MHz	20			dB
Power Handling			20	W
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +70	°C
Connectors	SMA Female/SMA Male	
Size	18*42*80	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-1G35-1G45-E	Coaxial Band-pass Filter, Passband frequency range: 1.35-1.45GHz, Passband Insertion Loss: 1.5dB, SMA Female/SMA Male	Rev.1.0