

Coaxial Band-pass Filter

4.4-4.6 GHz/N Female/N Male

Model: TLBF-4G5-200M-N

TLBF-4G5-200M-N is a coaxial band-pass filter with a passband frequency from 4.4 to 4.6 GHz and a rejection frequencies from 3.8 GHz to 5.2 GHz. The maximum insertion loss of the filter is 0.5 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 4.4 to 4.6 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

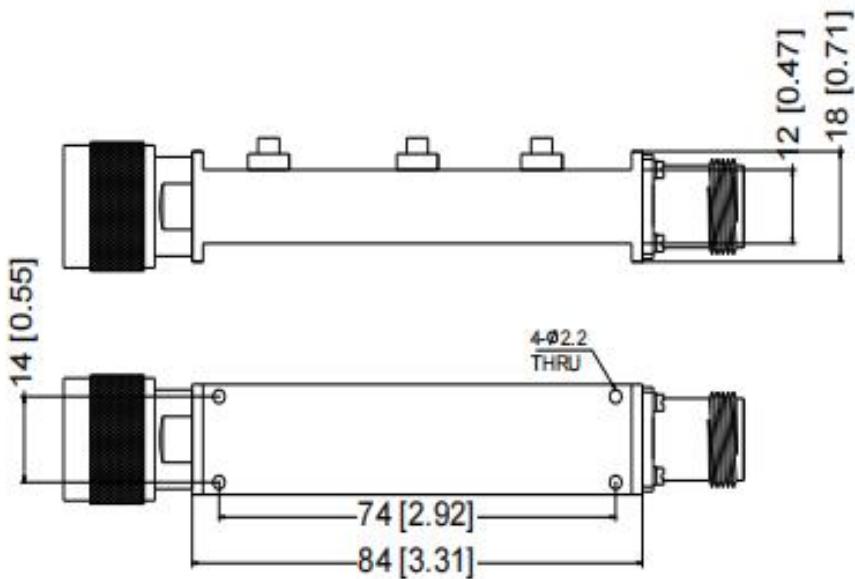
Parameter	Min	Typ	Max	Units
Passband Frequency range	4.4		4.6	GHz
Band Width			0.2	GHz
Passband Insertion Loss			0.5	dB
Pass Band Ripple			0.4	dB
Rejection	>70dB@f0+-700MHz			
Power Handling			50	W
VSWR			1.4	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	N Female/N Male	

Outline Drawing:

Unit:mm

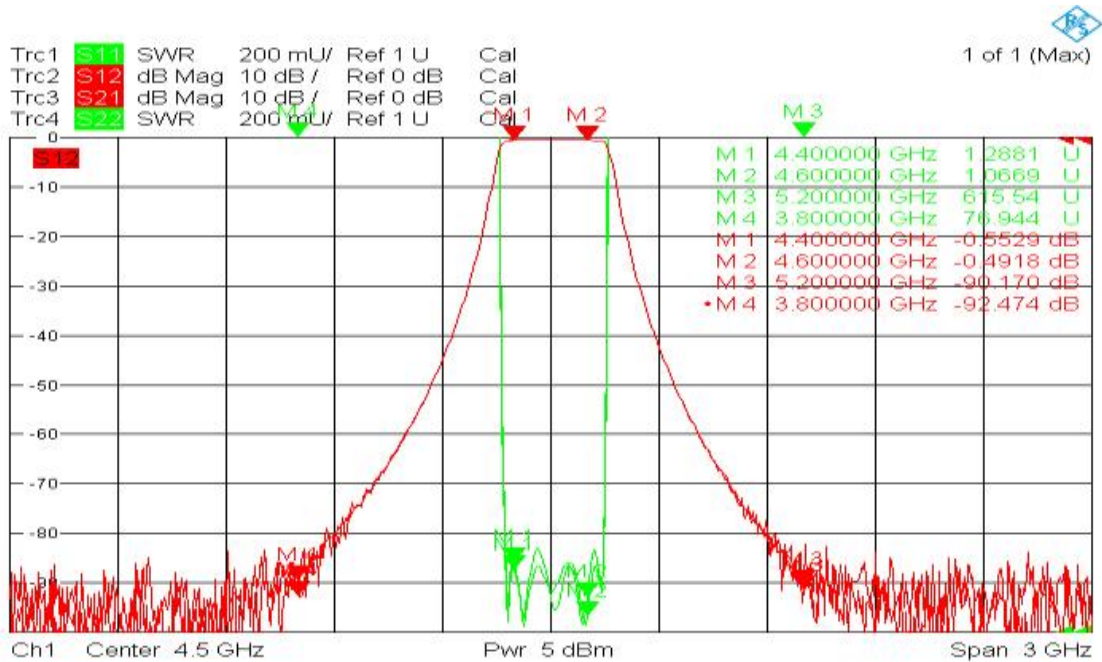


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-4G5-300M-N	Coaxial Band-pass Filter, Passband frequency range: 4.4-4.6GHz, Passband Insertion Loss: 0.5dB, N Female/N Male	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.