

Coaxial Band-pass Filter

3.45-4.05GHz/ SMA Female

Model: TLBF-3G75-600M-E

TLBF-3G75-600M-E is a coaxial band-pass filter with a passband frequency from 3.45 to 4.05GHz and a rejection frequencies from 0 to 2.75 and 4.55 GHz. The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range: 3.45 to 4.05GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

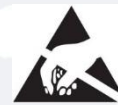
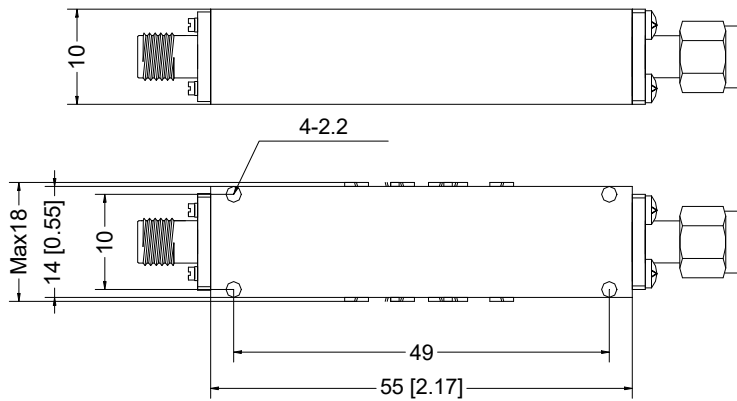
Parameter	Min	Typ	Max	Units
Passband Frequency range	3.45	3.75	4.05	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			0.4	dB
Rejection	>70dB@DC-2.75GHz 4.55GHz			dB
Power Handling			15	W
Input VSWR			1.3	:1
Output VSWR			1.3	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm;

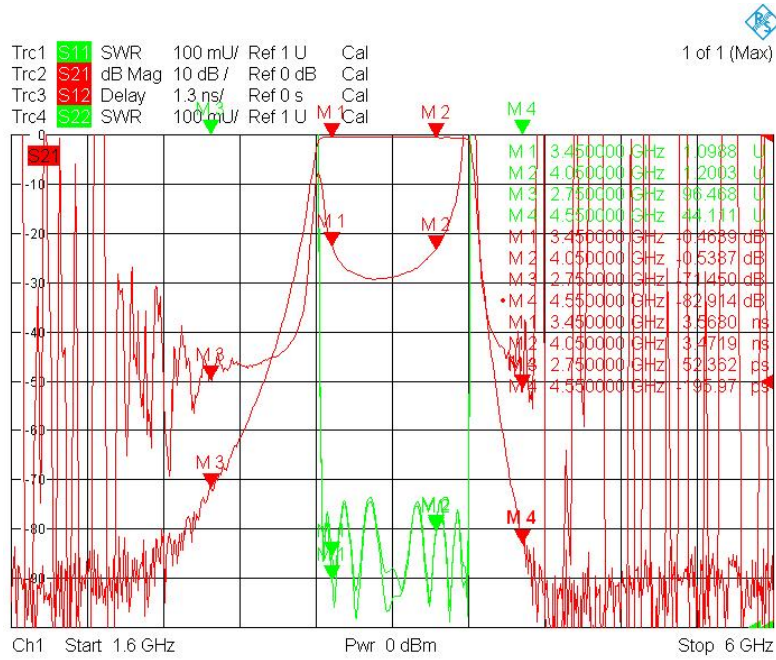


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-3G75-600M-E	Coaxial Band-pass Filter, Passband frequency range: 3.45 to 4.05 GHz, Passband Insertion Loss: 1.2 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.