

Coaxial Band-pass Filter

8-14 GHz/SMA Female/SMA Male

Model: TBF-11000-6000-C16

TBF-11000-6000-C16 is a coaxial band-pass filter with a passband frequency from 8 to 14 GHz and a rejection frequencies from 2 GHz to 20 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 60 dB.

Features:

- Passband Frequency Range 8 to 14 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

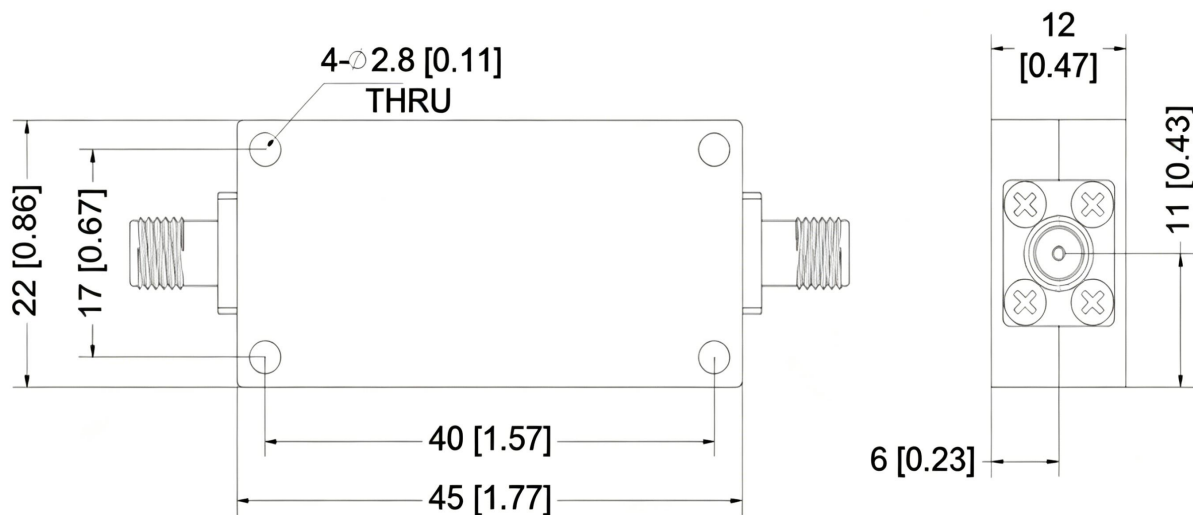
Parameter	Min	Typ	Max	Units
Passband Frequency range	8		14	GHz
Band Width			6	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			1.0	dB
Rejection	>60dB@Fc±6Ghz			
Power Handling			15	W
VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

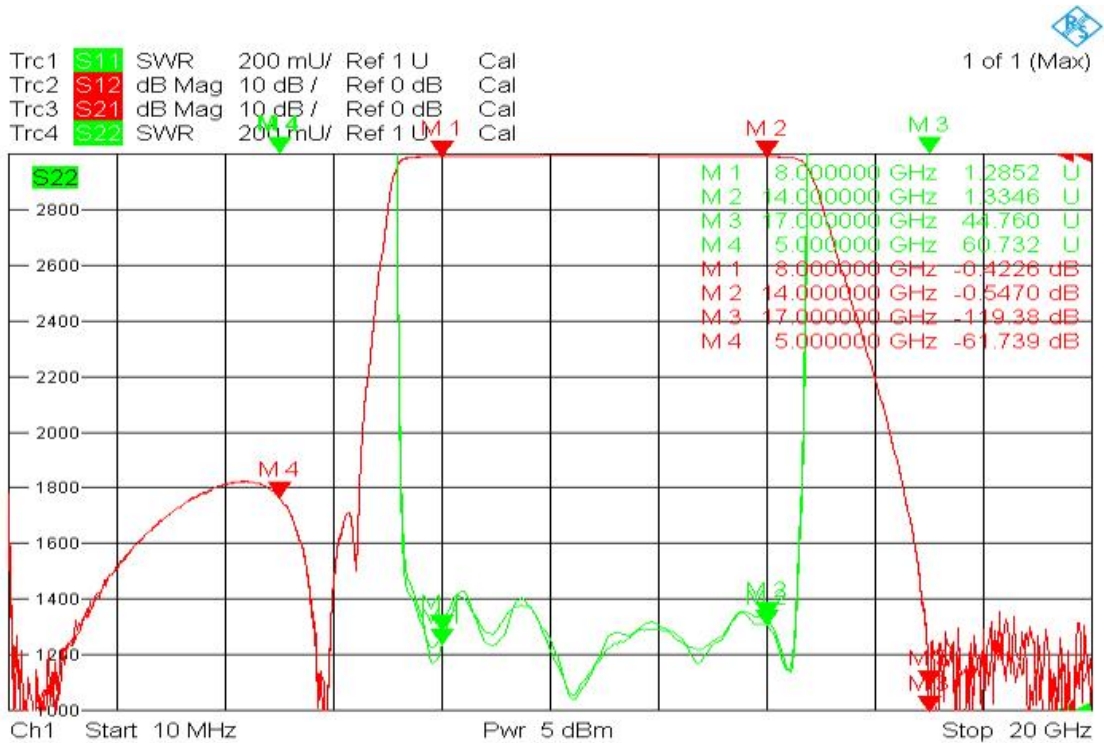


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TBF-11000-6000-C16	Coaxial Band-pass Filter, Passband frequency range: 8-14GHz, Passband Insertion Loss: 1.0dB, SMA Female/SMA 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.