

Coaxial Band-pass Filter

2100-2690 MHz/SMA Female

Model: TLBF-2100M-2690M-E

TLBF-2100M-2690M-E is a coaxial band-pass filter with a passband frequency from 2100 to 2690 MHz and a rejection frequencies at $f_c \pm 800$ MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 2100 to 2690 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	2100		2690	MHz
Band Width			590	MHz
Insertion Loss(f_0)			2.0	dB
Pass Band Ripple			1.8	dB
VSWR			1.6	:1
Rejection@ $f_c \pm 800$ MHz	40			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +70	°C
Connectors	SMA Female	
Size		mm

Outline Drawing:

Unit:mm

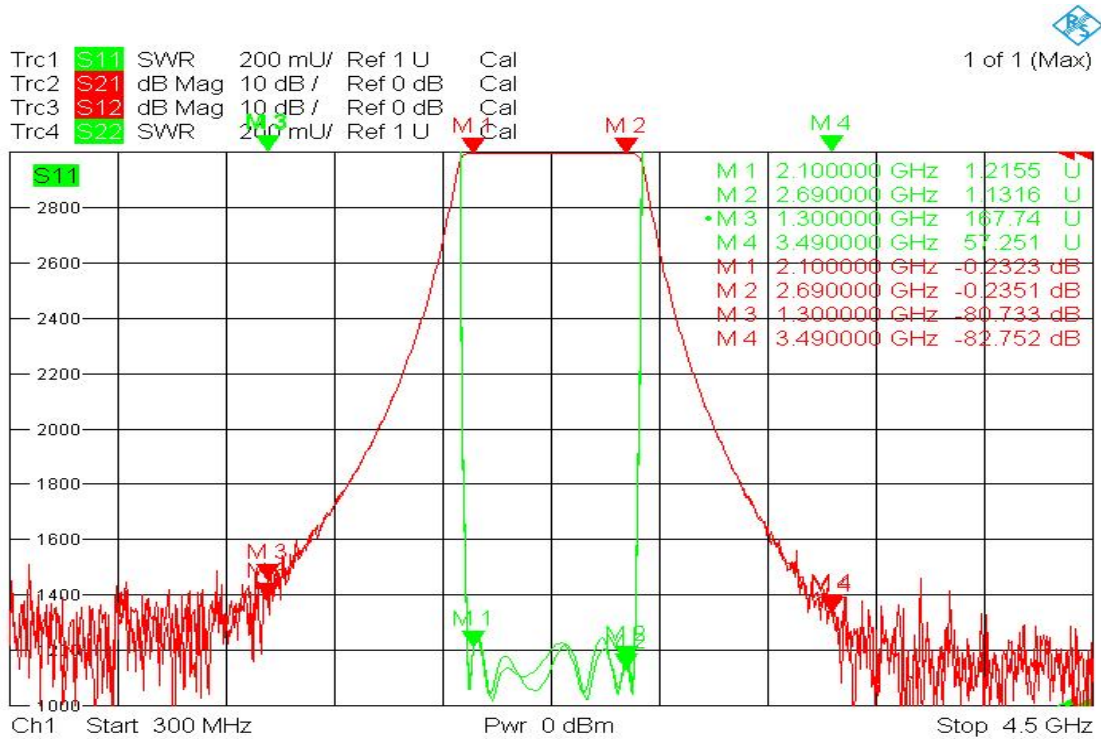


ESD Protection: Strictly
adhere to ESD precautions
to prevent electrostatic
damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2100M-2690M-E	Coaxial Band-pass Filter,Passband frequency range:2100-2690MHz,Insertion Loss(f0):2.0dB, 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.