

Coaxial Band-pass Filter

2.5-2.57GHz/ SMA Female

Model: TLBF-2500-2570-S-100W

TLBF-2500-2570-S-100W is a coaxial band-pass filter with a passband frequency from 2.5 to 2.57 GHz and a rejection frequencies from 0 to 2350MHz and 2730-4000MHz. The nominal insertion loss of the filter is 0.5 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 2.5 to 2.57GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

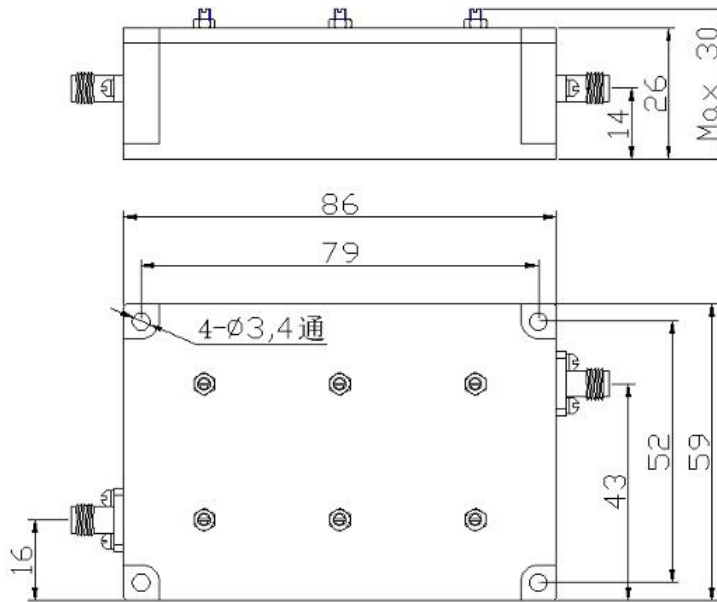
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.5		2.57	GHz
Passband Insertion Loss			0.5	dB
Rejection	≥70dB@DC-2350MHz&2730-4000MHz			dB
Power Handling			100	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-55 To +85	°C
Finish	silver-plated	
Connectors	SMA Female	

Outline Drawing:

Unit:mm;

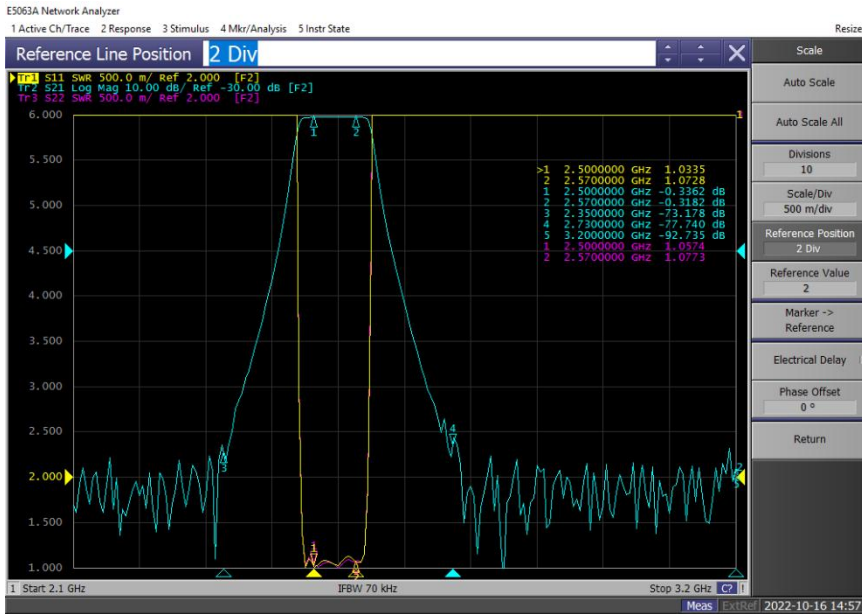


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2500-2570-S-100W	Coaxial Band-pass Filter, Passband frequency range: 2.5 to 2.57GHz, Passband Insertion Loss: 0.5dB, 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.