

Coaxial Bandpass Filter

21.1-21.9 GHz/2.92mm

Model: TLBF-21G1-21G9-K

TLBF-21G1-21G9-K is a coaxial bandpass filter with a passband frequency from 21.1 to 21.9 GHz and a center frequency is 21.5 GHz. The nominal insertion loss of the filter is 7.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 21.1 to 21.9 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

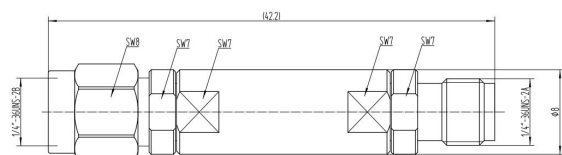
Parameter	Min	Typ	Max	Units
Passband Frequency range	21.1		21.9	GHz
Passband Insertion Loss		7.0		dB
Pass Band Ripple		±1.4		dB
Rejection	40@19.9GHz&22.5GHz			dB
Power Handling		1		W
Return Loss		16		dB
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

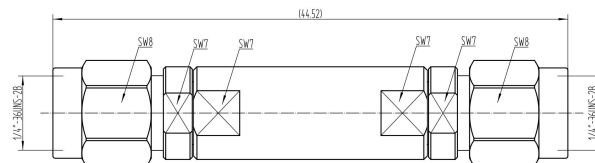
Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-65 to +150	°C
Connectors	2.92mm	
Weight	/	g

Outline Drawing:

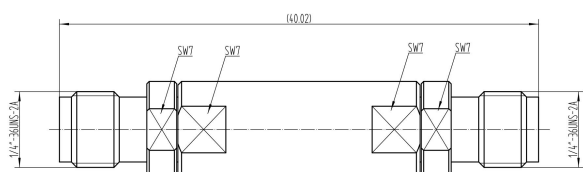
Unit:mm



TLBF-21G1-21G9-K



TLBF-21G1-21G9-MM



TLBF-21G1-21G9-FF



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

Ordering Information:

Base Number	Description	Revision
TLBF-21G1-21G9-K	Coaxial Bandpass Filter, Passband frequency range: 21.1-21.9GHz, Passband Insertion Loss: 7.0dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
TLBF-21G1-21G9-MM	Coaxial Bandpass Filter, Passband frequency range: 21.1-21.9GHz, Passband Insertion Loss: 7.0dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
TLBF-21G1-21G9-FF	Coaxial Bandpass Filter, Passband frequency range: 21.1-21.9GHz, Passband Insertion Loss: 7.0dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1