

Coaxial Lowpass Filter

DC-6 GHz/2.92mm

Model: TLLF-DC-6G-K

TLLF-DC-6G-K is a coaxial lowpass filter with a passband frequency from DC to 6 GHz . The nominal insertion loss of the filter is 1.5 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range DC to 6 GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

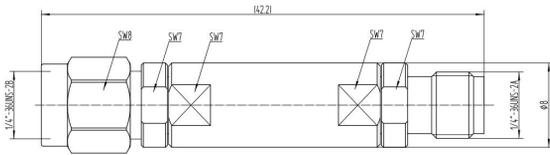
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC	6		GHz
Passband Insertion Loss			1.5	dB
Rejection	20@8.5GHz,40@10.3GHz			dB
Power Handling			1	W
Return Loss		18		dB
Impedance	50			Ohms

Environmental And Physical Characteristics:

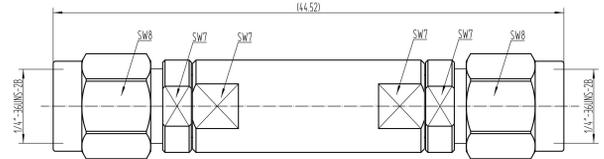
Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-65 to +150	°C
Connectors	2.92mm	

Outline Drawing:

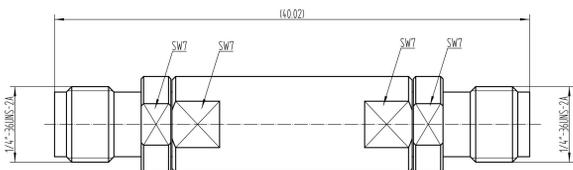
Unit:mm



TLLF-DC-6G-K



TLLF-DC-6G-MM



TLLF-DC-6G-FF



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

Ordering Information:

Base Number	Description	Revision
TLLF-DC-6G-K	Coaxial Lowpass Filter, Passband frequency range: DC-6GHz, Passband Insertion Loss: 1.5dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
TLLF-DC-6G-MM	Coaxial Lowpass Filter, Passband frequency range: DC-6GHz, Passband Insertion Loss: 1.5dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
TLLF-DC-6G-FF	Coaxial Lowpass Filter, Passband frequency range: DC-6GHz, Passband Insertion Loss: 1.5dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1