

## Coaxial Lowpass Filter

DC-1 GHz/2.92mm

Model: TLLF-DC-1G-K

TLLF-DC-1G-K is a coaxial lowpass filter with a passband frequency from DC to 1 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 1 GHz
- Low Insertion Loss

### Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

### Electrical Characteristics:

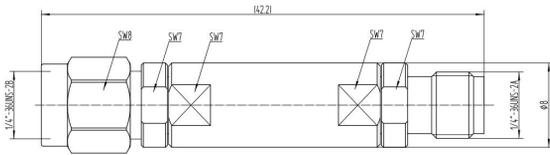
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC	1		GHz
Passband Insertion Loss			1.5	dB
Rejection	20@1.6GHz,40@2GHz			dB
Power Handling			1	W
Return Loss		20		dB
Impedance	50			Ohms

### Environmental And Physical Characteristics:

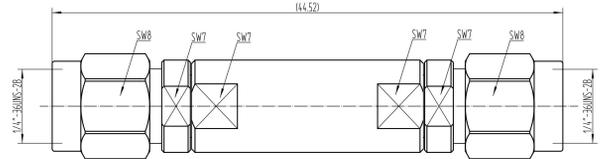
Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-65 to +150	°C
Connectors	2.92mm	

**Outline Drawing:**

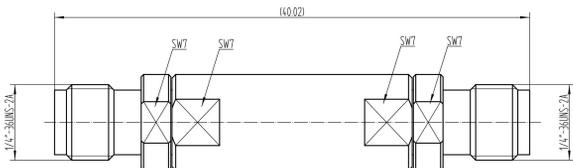
Unit:mm



TLLF-DC-1G-K



TLLF-DC-1G-MM



TLLF-DC-1G-FF



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

**Ordering Information:**

Base Number	Description	Revision
TLLF-DC-1G-K	Coaxial Lowpass Filter, Passband frequency range: DC-1GHz, Passband Insertion Loss: 1.5dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
TLLF-DC-1G-MM	Coaxial Lowpass Filter, Passband frequency range: DC-1GHz, Passband Insertion Loss: 1.5dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
TLLF-DC-1G-FF	Coaxial Lowpass Filter, Passband frequency range: DC-1GHz, Passband Insertion Loss: 1.5dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1