

## Coaxial Lowpass Filter

DC-2 GHz/2.92mm

Model: TLLF-DC-2G-K

TLLF-DC-2G-K is a coaxial lowpass filter with a passband frequency from DC to 2 GHz . The nominal insertion loss of the filter is 1.3 dB and the typical rejection is 40 dB.

### Features:

- Passband Frequency Range DC to 2 GHz
- Low Insertion Loss

### Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

### Electrical Characteristics:

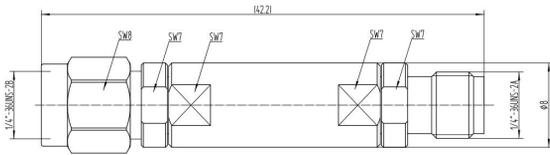
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC	2		GHz
Passband Insertion Loss			1.3	dB
Rejection	20@3.2GHz,40@3.9GHz			dB
Power Handling			1	W
Return Loss		18		dB
Impedance	50			Ohms

### Environmental And Physical Characteristics:

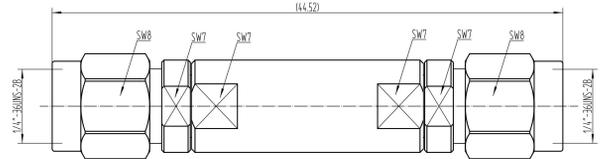
Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-65 to +150	°C
Connectors	2.92mm	

**Outline Drawing:**

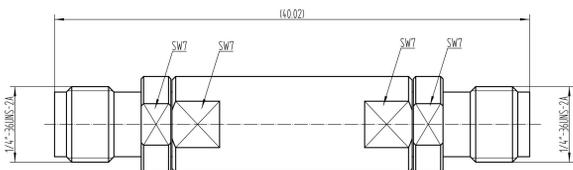
Unit:mm



TLLF-DC-2G-K



TLLF-DC-2G-MM



TLLF-DC-2G-FF



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

**Ordering Information:**

Base Number	Description	Revision
TLLF-DC-2G-K	Coaxial Lowpass Filter, Passband frequency range: DC-2GHz, Passband Insertion Loss: 1.3dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
TLLF-DC-2G-MM	Coaxial Lowpass Filter, Passband frequency range: DC-2GHz, Passband Insertion Loss: 1.3dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
TLLF-DC-2G-FF	Coaxial Lowpass Filter, Passband frequency range: DC-2GHz, Passband Insertion Loss: 1.3dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1