

## Coaxial Lowpass Filter

DC-40 GHz/2.92mm

Model: TLLF-DC-40G-K

TLLF-DC-40G-K is a coaxial lowpass filter with a passband frequency from DC to 40 GHz . The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 40 dB.

### Features:

- Passband Frequency Range DC to 40 GHz
- Low Insertion Loss

### Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

### Electrical Characteristics:

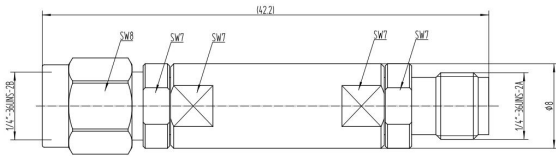
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC	40		GHz
Passband Insertion Loss			2.0	dB
Rejection	20@46.7GHz,25@48.5GHz			dB
Power Handling			1	W
Return Loss		17		dB
Impedance	50			Ohms

### Environmental And Physical Characteristics:

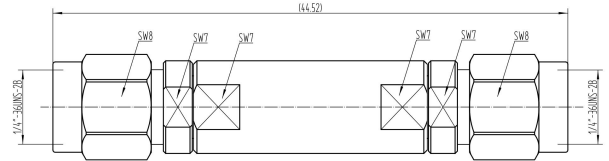
Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-65 to +150	°C
Connectors	2.92mm	

**Outline Drawing:**

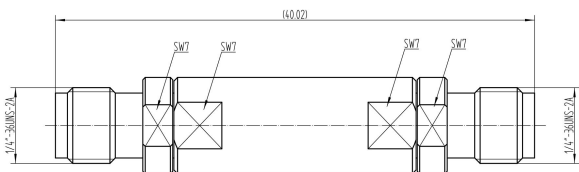
Unit:mm



TLLF-DC-40G-K



TLLF-DC-40G-MM



TLLF-DC-40G-FF



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

**Ordering Information:**

Base Number	Description	Revision
TLLF-DC-40G-K	Coaxial Lowpass Filter, Passband frequency range: DC-40GHz, Passband Insertion Loss: 2.0dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
TLLF-DC-40G-MM	Coaxial Lowpass Filter, Passband frequency range: DC-40GHz, Passband Insertion Loss: 2.0dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
TLLF-DC-40G-FF	Coaxial Lowpass Filter, Passband frequency range: DC-40GHz, Passband Insertion Loss: 2.0dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1