

## Coaxial Lowpass Filter

DC-3.5 GHz/2.92mm

Model: TLLF-DC-3G5-K

TLLF-DC-3G5-K is a coaxial lowpass filter with a passband frequency from DC to 3.5 GHz . The nominal insertion loss of the filter is 1.3 dB and the typical rejection is 20 dB.

### Features:

- Passband Frequency Range DC to 3.5 GHz
- Low Insertion Loss

### Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

### Electrical Characteristics:

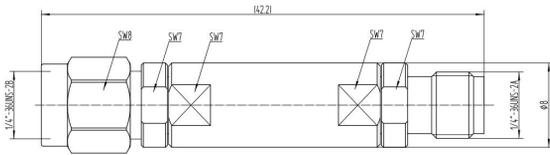
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC	3.5		GHz
Passband Insertion Loss			1.3	dB
Rejection	20@5.1GHz,40@6.3GHz			dB
Power Handling			1	W
Return Loss		18		dB
Impedance	50			Ohms

### Envrionmental And Physical Characteristics:

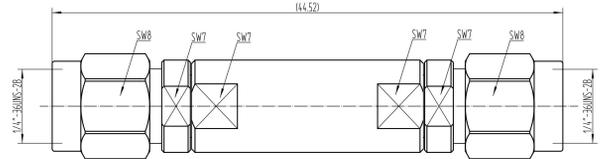
Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-65 to +150	°C
Connectors	2.92mm	

**Outline Drawing:**

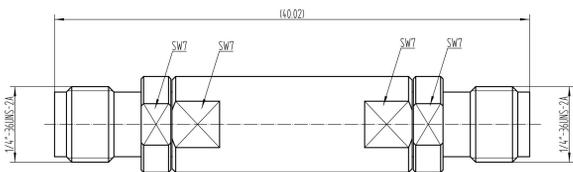
Unit:mm



TLLF-DC-3G5-K



TLLF-DC-3G5-MM



TLLF-DC-3G5-FF



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

**Ordering Information:**

Base Number	Description	Revision
TLLF-DC-3G5-K	Coaxial Lowpass Filter, Passband frequency range: DC-3.5GHz, Passband Insertion Loss: 1.3dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
TLLF-DC-3G5-MM	Coaxial Lowpass Filter, Passband frequency range: DC-3.5GHz, Passband Insertion Loss: 1.3dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
TLLF-DC-3G5-FF	Coaxial Lowpass Filter, Passband frequency range: DC-3.5GHz, Passband Insertion Loss: 1.3dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1