Suzhou Talent Microwave,Inc
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www.talentmw.com

Equalizer

0.01-40GHz/4dB, Slope

Model: TLME-0.01G40G-6

The TLME-0.01G40G-6 is an equalizer. It is a positive gain slope equalizer designed to pass 0.01 to 40 GHz. Equalization can be applied to reduce low pass filtering effects in both RF/microwave and high speed digital systems.

Features:

- Frequency range: 0.01-40 GHz
- Good gain equalization
- Small Size and simple to use
- Excellent return loss

Applications:

- Cable or Waveguide Loss Compensation
- Amplifier Flatness Compensation
- Microwave Radio
- RF Transceivers
- Telecom Infrastructure

Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Frequency range		0.01		40	GHz
Insertion Loss	@0.01GHz		6		dB
	@40GHz		2		
Return Loss			-15		dB
Power Handling			30		dBm
Impedance			50		Ohms

Mechanical Specifications:

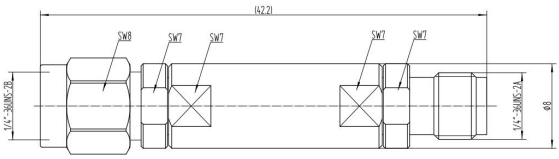
Parameter	Value	Units
Input /Output Connector	2.92mm	
Length	42.2	mm

泰莱微波
Talent Microwave

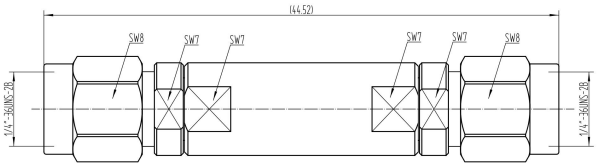
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Outline Drawing:

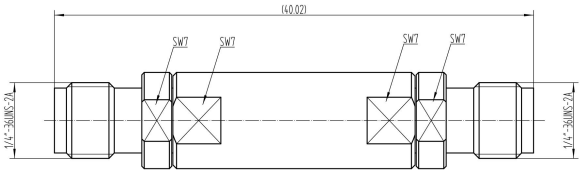
Unit:mm; Tolerance:±0.1mm



TLME-0.01G40G-6



TLME-0.01G40G-6-MM



TLME-0.01G40G-6-FF



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

Environmental Conditions:

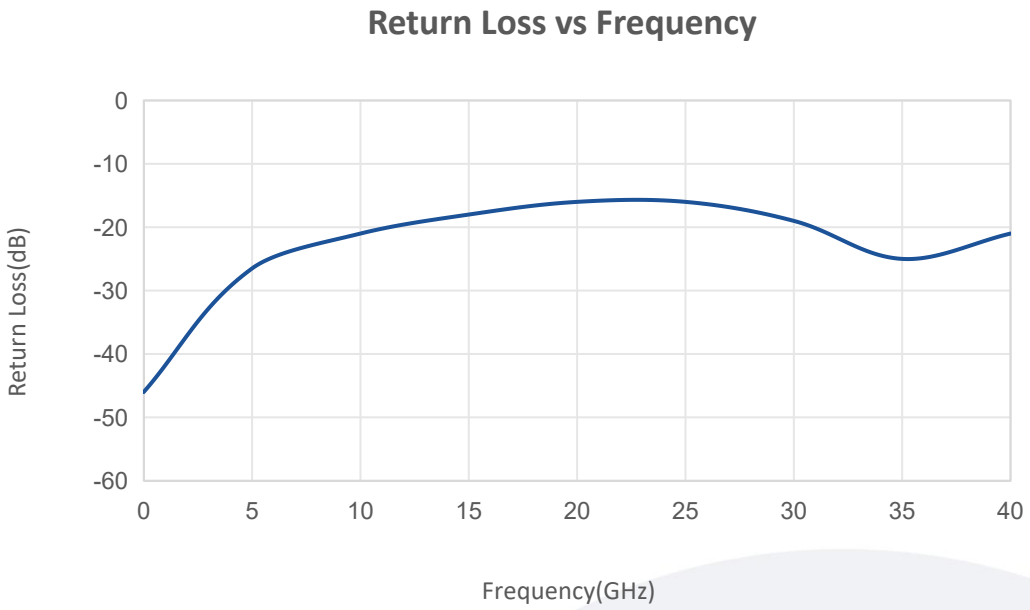
Parameter	Min	Typ	Max	Units
Operating Temperature	-40		+70	℃
Non-operating Temperature	-55		+85	℃
Relative humidity		95		%
Altitude	10,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

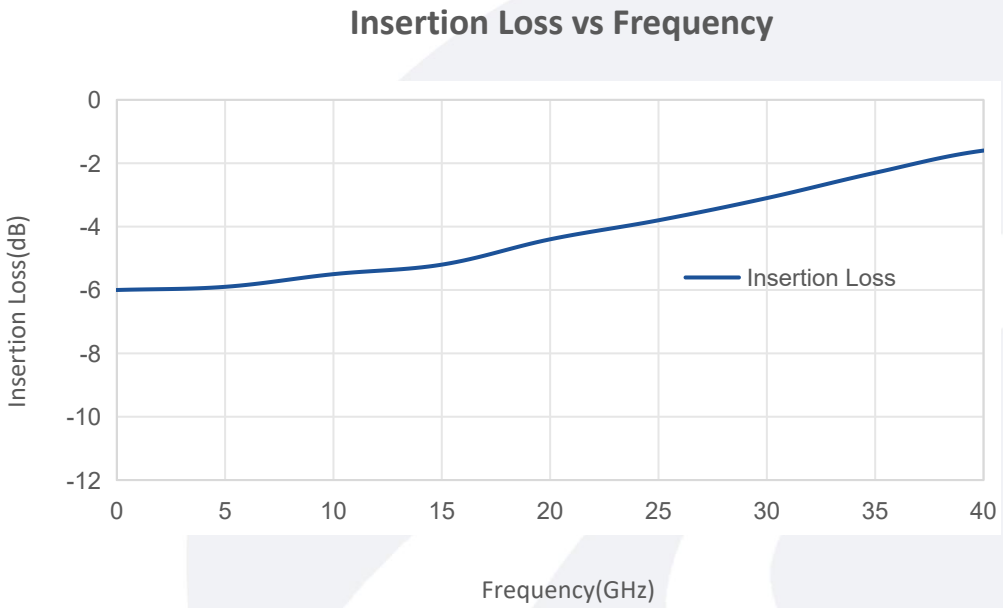
Ordering Information:

Base Number	Description	Revision
TLME-0.01G40G-6	Equalizer, 0.01-40GHz, Insertion loss: 6dB@0.01GHz; 2dB@40GHz; 2.92mm Male/2.92mm Female	Rev.1.1
TLME-0.01G40G-6-MM	Equalizer, 0.01-40GHz, Insertion loss: 6dB@0.01GHz; 2dB@40GHz; 2.92mm Male/2.92mm Male	Rev.1.1
TLME-0.01G40G-6-FF	Equalizer, 0.01-40GHz, Insertion loss: 6dB@0.01GHz; 2dB@40GHz; 2.92mm Female/2.92mm Female	Rev.1.1

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Typical Performance Data:





Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.