

W-band High Dynamic Range Electrical Attenuator

WR-10/75-110GHz/40dB Attenuation range

Model: TLVA-075110-40-10

TLVA-075110-40-10 is a W-band electrical attenuator. The attenuator exhibits 40 dB nominal attenuation range across the frequency range of 75 to 110 GHz. The control voltage of the standard model is -5 to 0 VDC. The RF input and output ports are WR-10 waveguides with UG-387/U-M anti-cocking flanges, and solder pin provides the control signal.

Features:

- Operating Frequency 75 to 110 GHz
- High Dynamic Range

Applications:

- THz Systems
- Testing Equipment

电气特性 Electrical Characteristics:

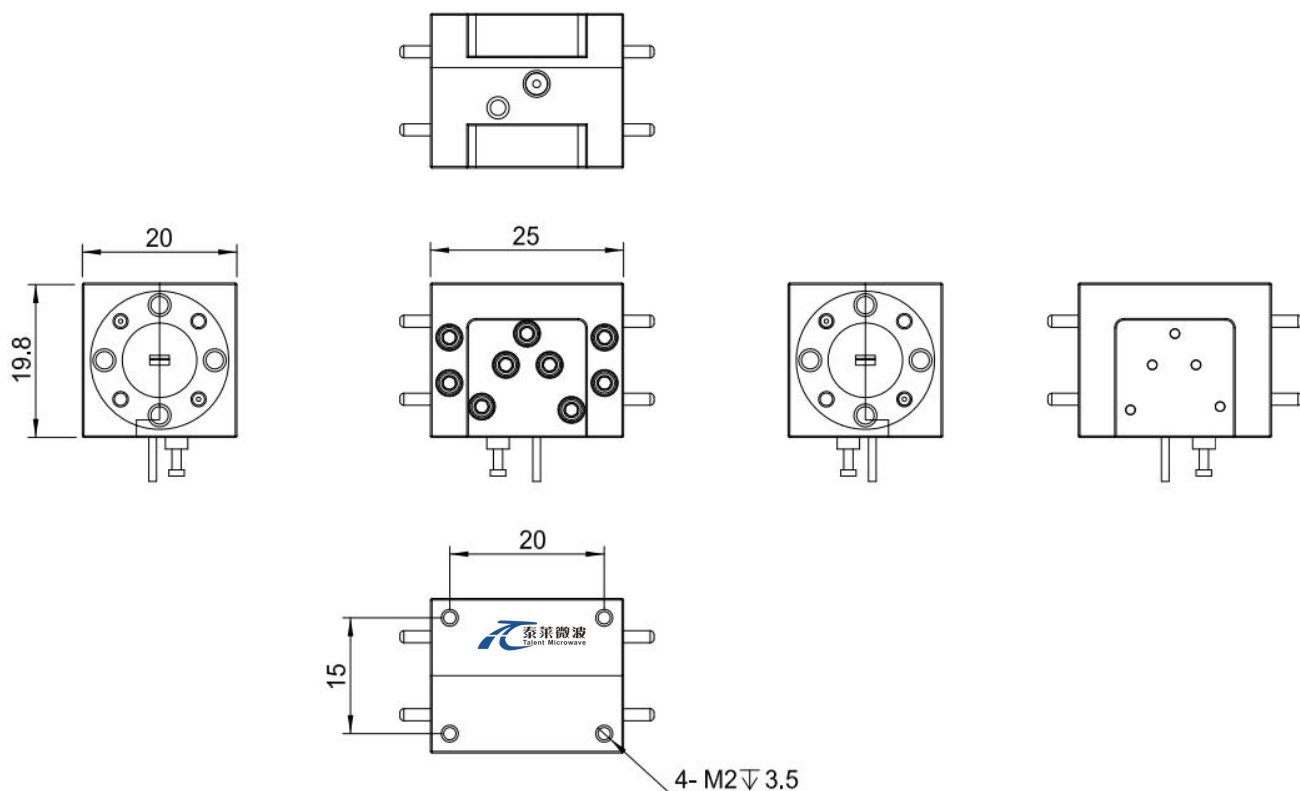
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	75		110	GHz
衰减范围 Attenuation Range	3	40		dB
输入驻波 Input VSWR		2.0		:1
输出驻波 Output VSWR		2.0		:1
控制电压 Control Voltage	-5		0	V DC

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	0 To +50	°C
存储温度 Storage Temperature	0 to +50	°C
输入/输出接口 Input /Output Connector	WR-10/UG-387/U	
尺寸 Size	25*20*20	mm

外形图 Outline Drawing:

Unit:mm

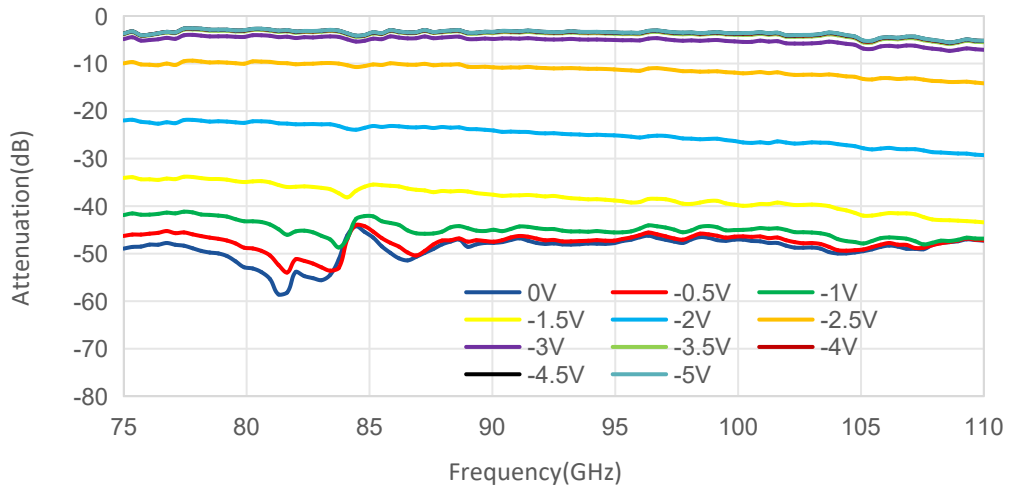


订货信息 Ordering Information:

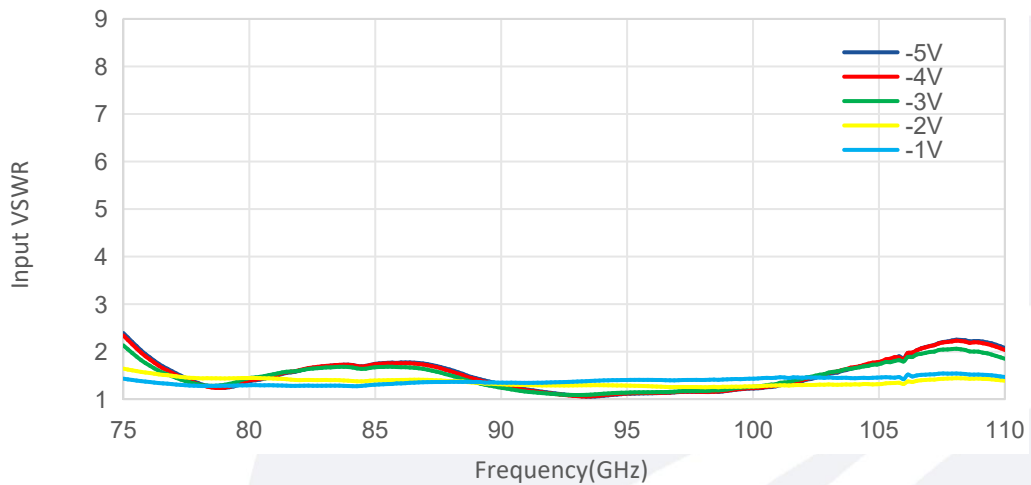
标准型号 Base Number	描述 Description
TLVA-075110-40-10	W-band High Dynamic Range Electrical Attenuator 75-110 GHz, 40 dB Attenuation Range, WR-10

典型曲线 Typical Performance Data:

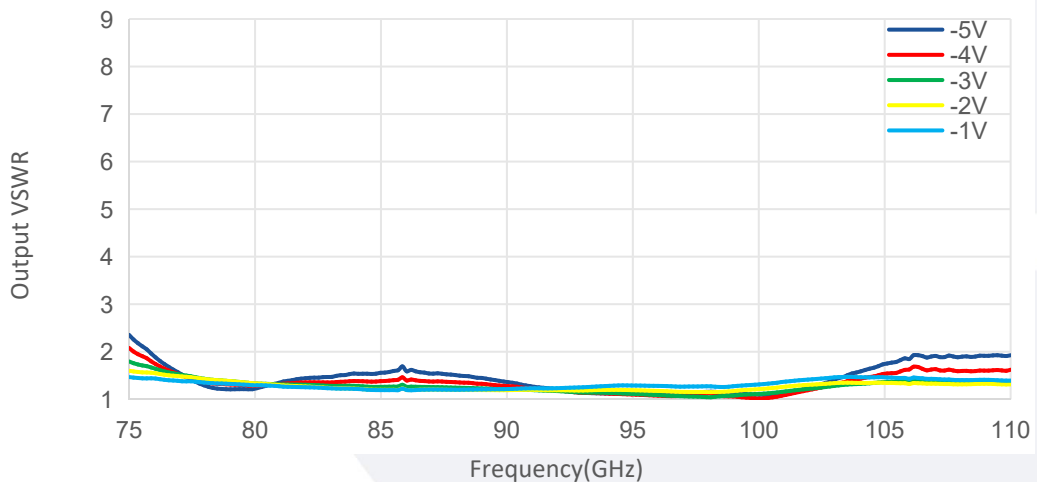
Attenuation@Voltage



Input VSWR@Voltage



Output VSWR@Voltage



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.