

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

Electrical Characteristics:

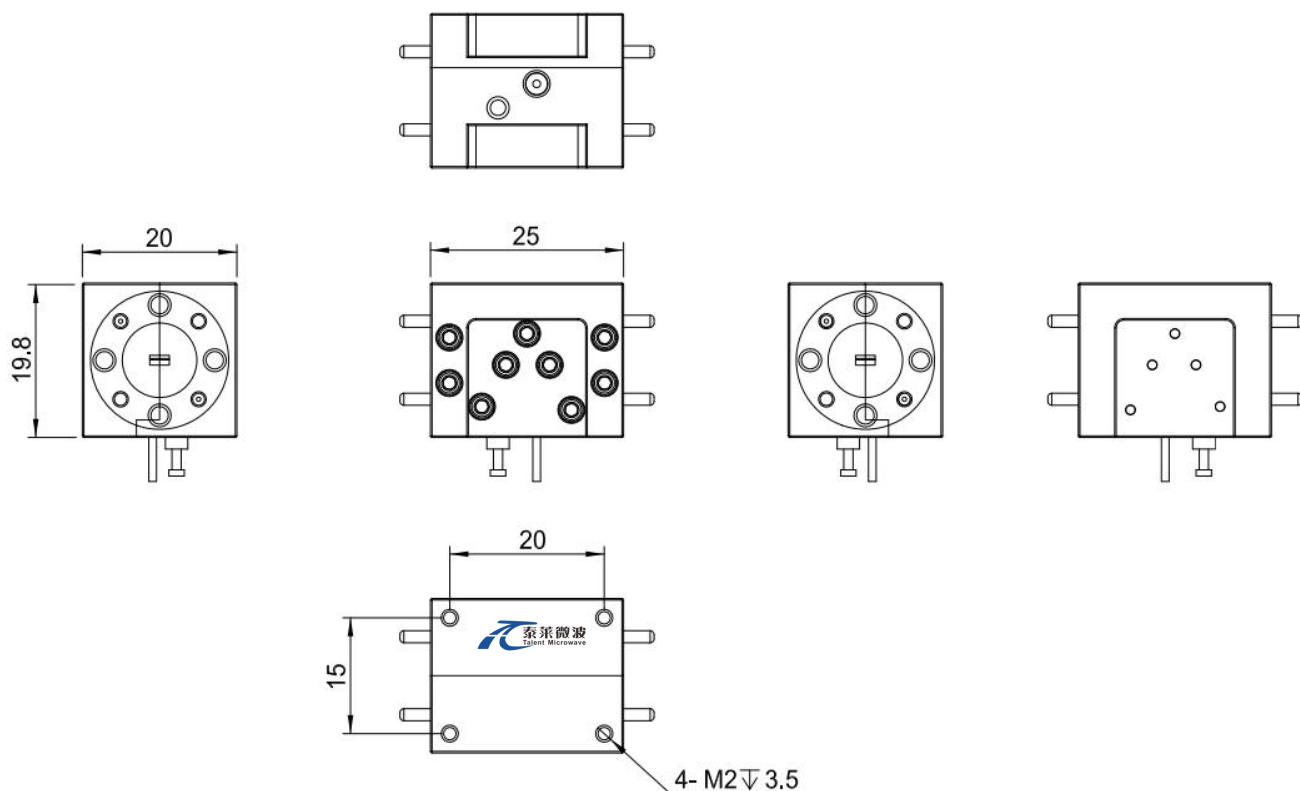
Parameter	Min	Typ	Max	Units
Frequency Range	75		110	GHz
Attenuation Range	3	40		dB
Input VSWR		2.0		:1
Output VSWR		2.0		:1
Control Voltage	-5		0	V DC

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	0 To +50	°C
Storage Temerature	0 to +50	°C
Input /Output Connector	WR-10/UG-387/U	
Size	25*20*20	mm

Outline Drawing:

Unit:mm

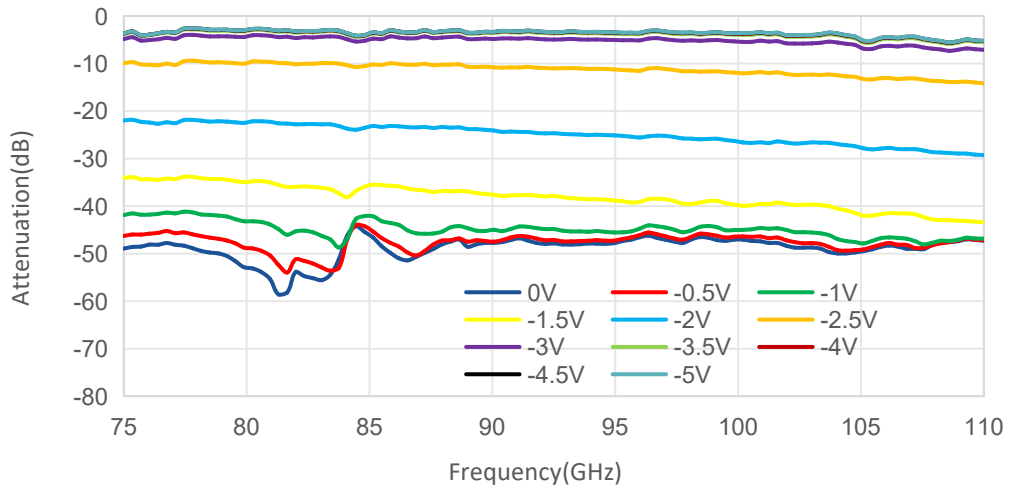


Ordering Information:

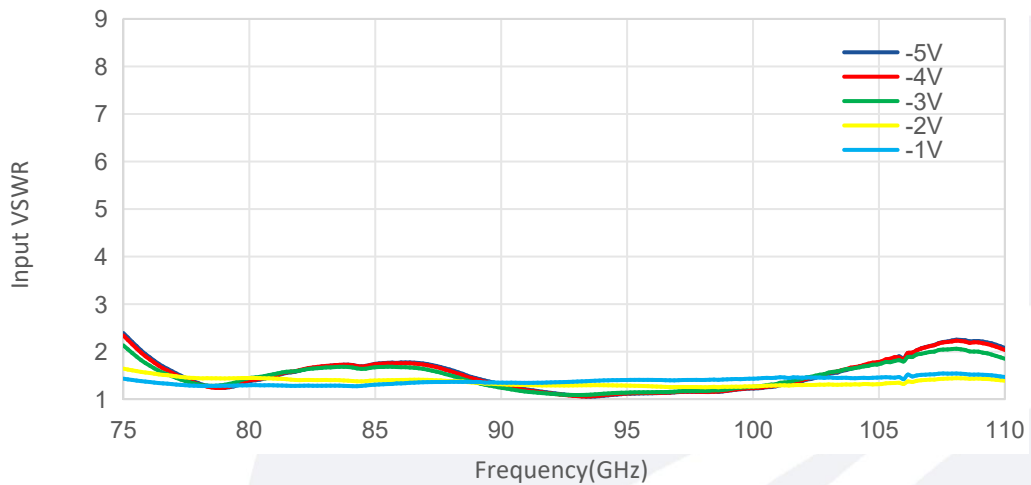
Base Number	Desciption
TLVA-075110-40-10	W-band High Dynamic Range Electrical Attenuator 75-110 GHz, 40 dB Attenuation Range,WR-10

Typical Performance Data:

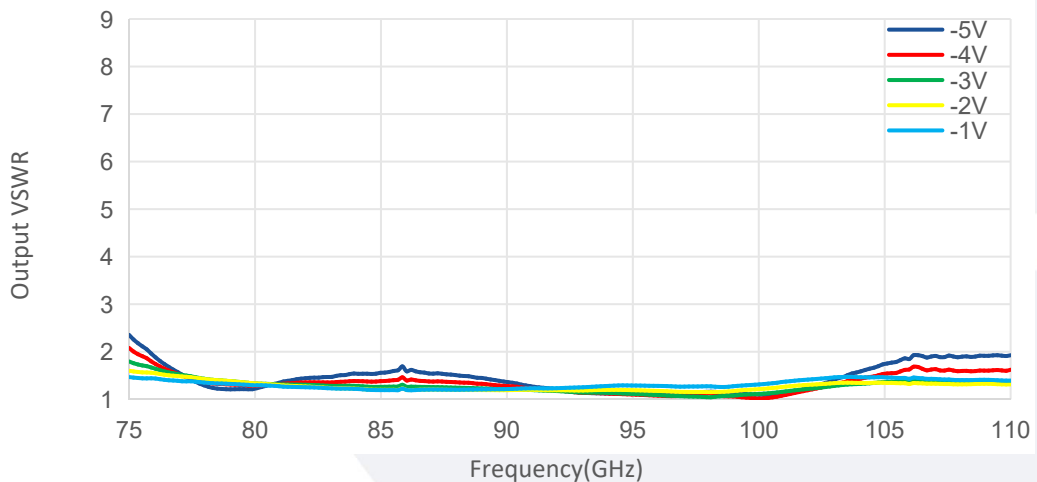
Attenuation@Voltage



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.