

STA-30-10-M1-C-1.2

WR-10 Compact Level Setting Attenuator

STA-30-10-M1-C-1.2 is a WR-10 compact level setting attenuator that covers the frequency range from 75 to 110 GHz. The level setting attenuator is an ideal piece of equipment in waveguide systems where broadband level setting is required. The attenuator exhibits 0.3 dB typical insertion loss and up to 30 dB nominal attenuation value across the entire operating bandwidth. The other types, such as direct reading, programmable and fixed tuned attenuators are also available under different model numbers.



Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency Range	75 GHz		110 GHz
Insertion Loss		0.3 dB	
Attenuation Range		30 dB	
Return Loss		20 dB	
Power Handling			100 mW (CW)
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

Mechanical Specifications:

Item	Specification
RF Port	WR-10 Waveguide with UG-387/U-M Anti-Cocking Flange
Setting Type	Micrometer Head
Micrometer Pitch	0.5mm
Micrometer Resolution	0.01mm
Insertion Length	1.20"
Material	Aluminum
Finish	Gold Plated
Weight	3.5 Oz
Outline	TA-MW-A-1.2

ECCN

EAR99

FEATURES

- Full Band Coverage
- Compact Size
- High Resolution Micrometer
- Low Insertion Loss

APPLICATIONS

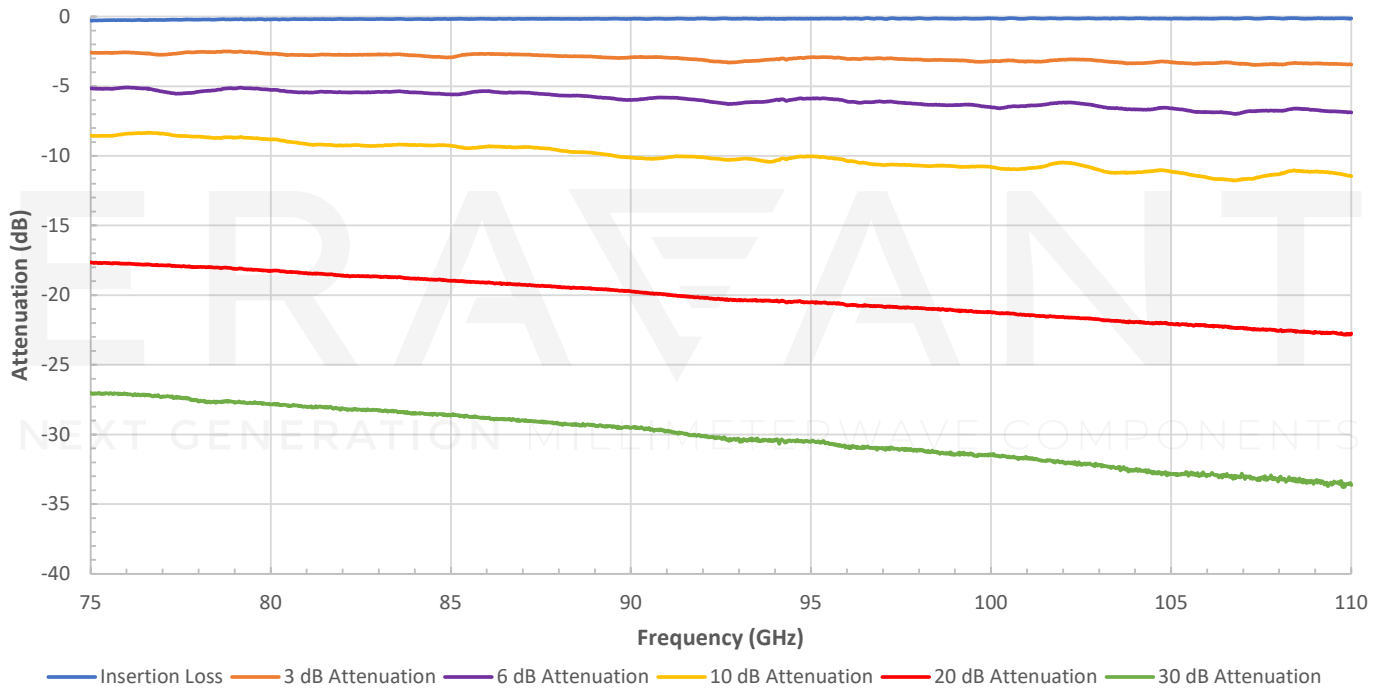
- Test Lab
- Instrumentations
- System Integration

SUPPLEMENTAL DETAILS



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Typical Measured Attenuation vs Frequency



ERAVANT
NEXT GENERATION MILLIMETERWAVE COMPONENTS