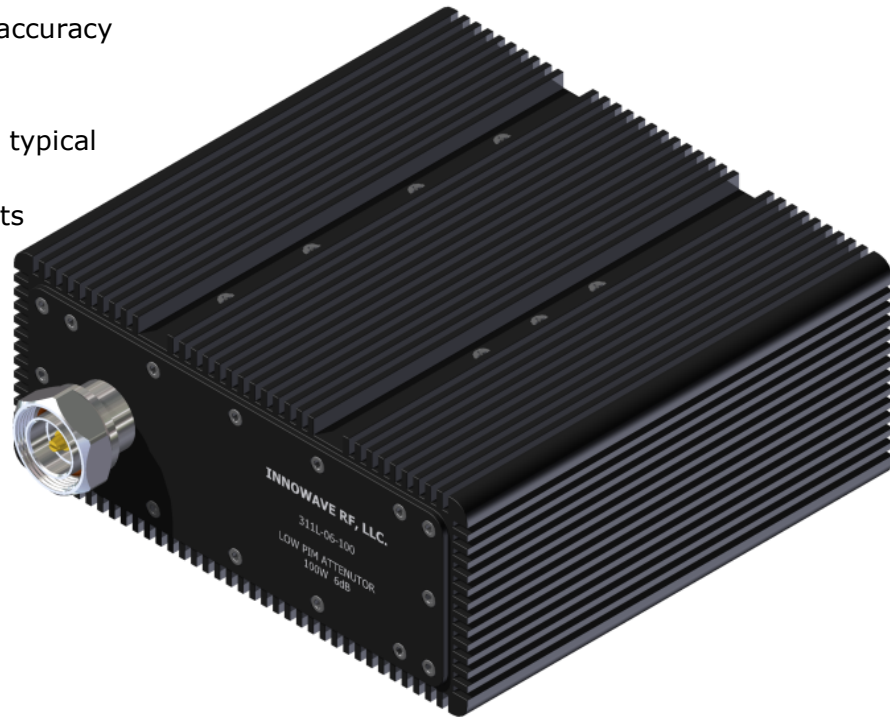


311L-XX-100 Series of Low-PIM Fixed Attenuators are designed for high power applications from 698MHz - 2700MHz. These attenuators are guaranteed for Low-PIM performance in the entire frequency range. These units are rugged in their construction and can handle harsh environmental conditions. They are perfect for indoor and outdoor applications. Standard values include are listed in the specifications below. Custom attenuation values can also be manufactured on request.

FEATURES:

- Fixed Attenuator with a high degree of accuracy
- Flat response from 698MHz - 2700MHz
- Conventional Male(IN) / Female(OUT)
- Outstanding PIM performance, -161dBc typical
- Low VSWR across the band
- Ease of Mounting with mounting brackets
- RoHS Compliant
- Weatherproof / Outdoor unit
- In Stock to low lead time delivery


ELECTRICAL SPECIFICATIONS:

Attenuation	3 dB	5 dB	6 dB	7 dB	10 dB	15 dB	20 dB	30 dB	40dB
Attenuation Accuracy	±0.5	±0.5	±0.75	±0.75	±1.0	±1.0	±1.0	±1.25	±1.5
Frequency Range	698MHz - 2700MHz								
Return Loss	20 dB (Typ)								
Intermodulation (PIM - 3 rd)	-161 dBc (Typ) (2 Tones +43 dBm)								
Impedance	50 Ohms								
Input Power	200W (Average Power)								

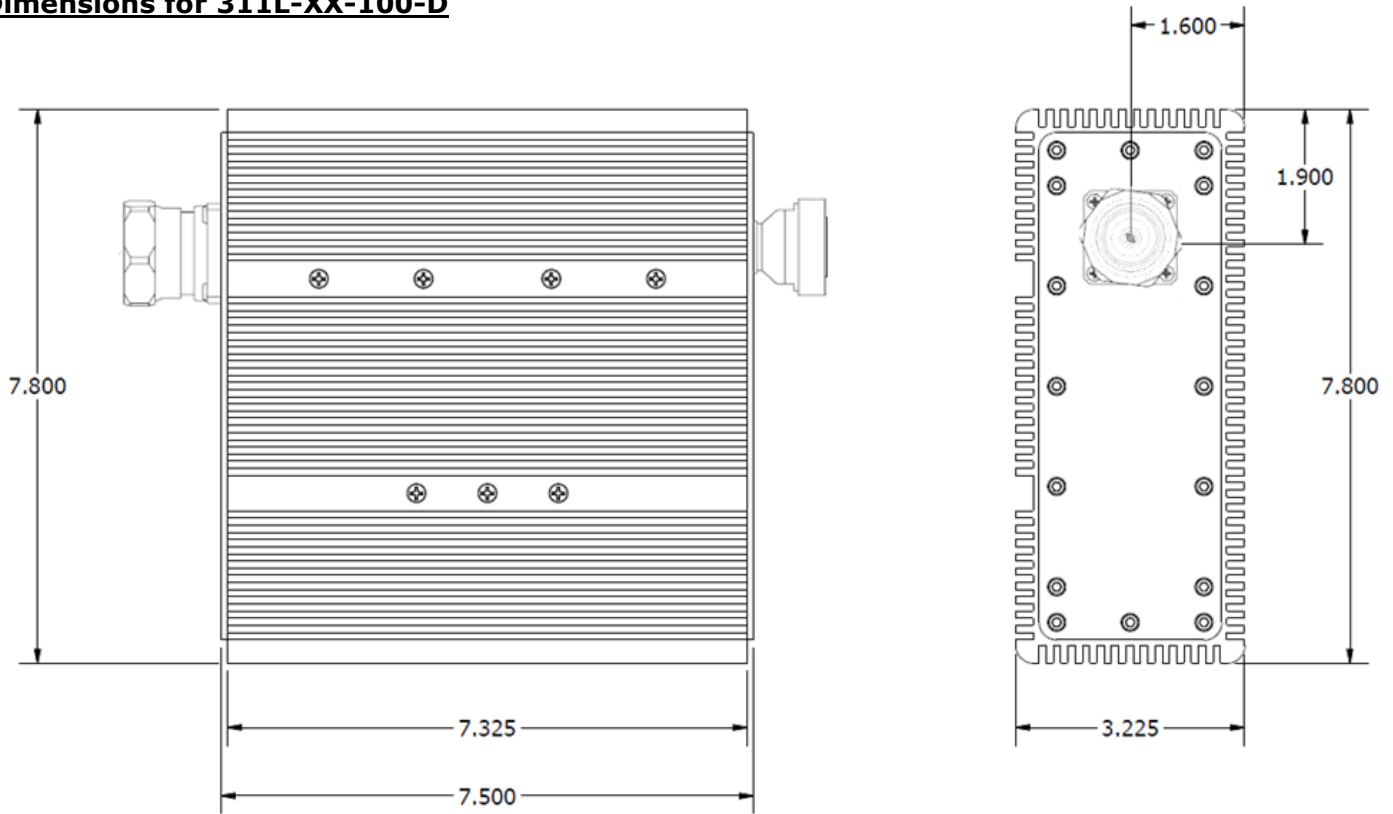
MECHANICAL SPECIFICATIONS:

Connectors:	7/16 DIN (D) / Mini-DIN (MD) / 4.3-10 (D43) / Type-N (N)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Bracket
Temperature Range:	-35°C to 75°C
Relative Humidity:	5% - 95%
Environment:	IP67

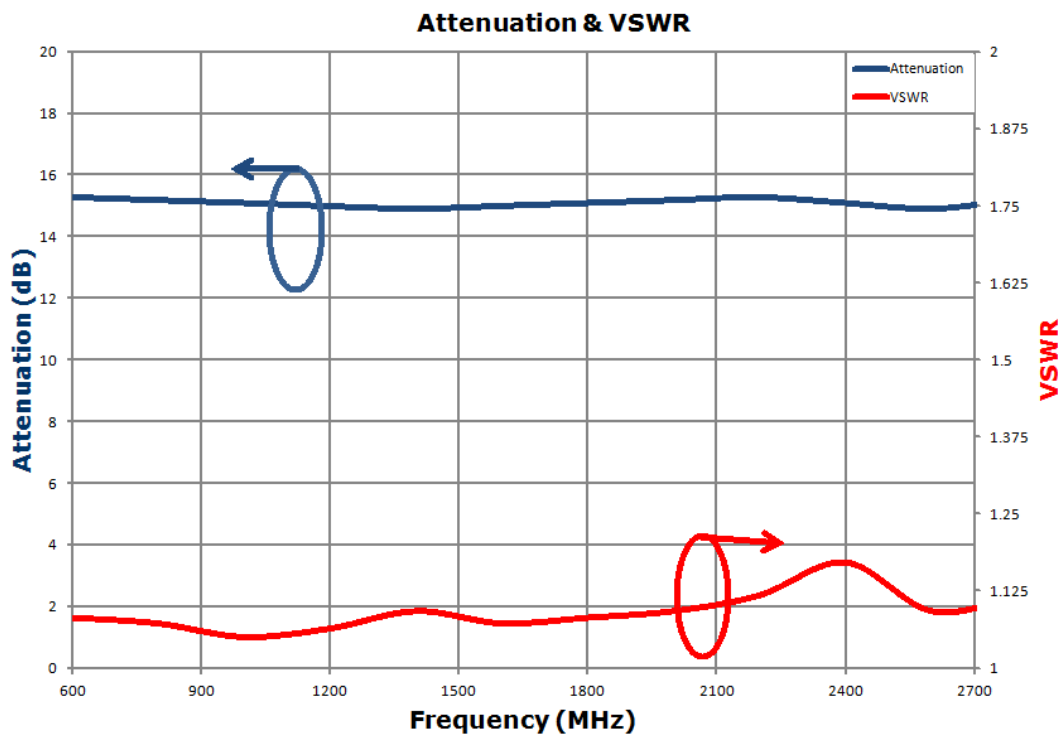
***** ORDERING INFO:**

Part No.:	Part#: 311L-XX-100-*
	XX - Attenuation Value
	* - Connector Option

Dimensions for 311L-XX-100-D



Typical Response for 311L-15-100-D



Please contact our sales department at 737-200-7090 or sales@InnowaveRF.com for any custom requirements.

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