

**313-XX-5 Series** of In-Line Wideband Fixed Attenuators are designed for 5W applications from DC - 6000MHz. It covers all cellular frequency bands, including DoD, CBRS, C-Band and LTE-LAA. These attenuators are guaranteed for stable performance in the entire frequency range. These units are rugged in their construction and can handle day-to-day wear and tear in indoor or outdoor applications. Standard values include are listed in the specifications below. **Custom attenuation values can also be manufactured on request.**

**FEATURES:**

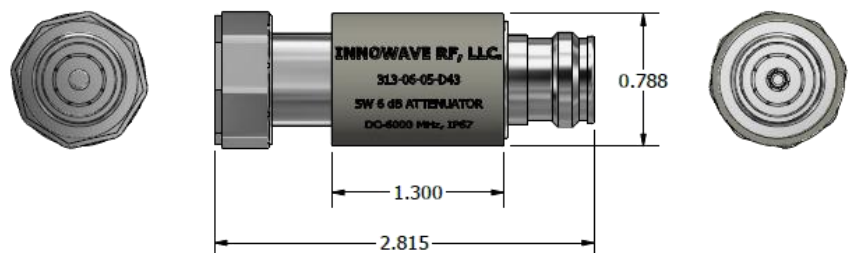
- **DoD / CBRS / C-Band / LTE-LAA** Ready
- Fixed In-Line Attenuator with a high degree of accuracy
- Small Form-Factor and Light Weight
- Flat response from DC - 6000MHz
- Conventional Male(IN) / Female(OUT)
- Low VSWR across the band
- **RoHS** Compliant
- Indoor or Outdoor unit
- In Stock to low lead time delivery


**ELECTRICAL SPECIFICATIONS:**

Attenuation	1dB	2dB	3dB	4dB	5dB	6dB	7dB	8dB	9dB	10dB	15dB	20dB
Attenuation Accuracy	±0.25	±0.30	±0.30	±0.50	±0.60	±0.60	±0.75	±0.75	±0.75	±0.80	±0.80	±0.80
Frequency Range	DC - 6000MHz											
Return Loss	20 dB (Typ)											
Impedance	50 Ohms											
Input Power	5W (Average Power)											

**MECHANICAL SPECIFICATIONS:**

Connector Option:	4.3-10 (D43) / Type-N (N) / SMA (S) / Nex10 (X10)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Bracket
Temperature Range:	-30°C to 75°C
Weight:	0.25 lbs
Environment:	IP67

**Dimensions for 313-XX-5-D43**


**ORDERING INFO:**

<b>Part Number Ordering Info</b>			
<b>Attenuation Value</b>	<b>Corresponding Part Number</b>		
	<b>4.3-10</b>	<b>Type-N</b>	<b>SMA</b>
1 dB	313-1-5-D43	313-1-5-N	313-1-5-S
2 dB	313-2-5-D43	313-2-5-N	313-2-5-S
3 dB	313-3-5-D43	313-3-5-N	313-3-5-S
4 dB	313-4-5-D43	313-4-5-N	313-4-5-S
5 dB	313-5-5-D43	313-5-5-N	313-5-5-S
6 dB	313-6-5-D43	313-6-5-N	313-6-5-S
7 dB	313-7-5-D43	313-7-5-N	313-7-5-S
8 dB	313-8-5-D43	313-8-5-N	313-8-5-S
9 dB	313-9-5-D43	313-9-5-N	313-9-5-S
10 dB	313-10-5-D43	313-10-5-N	313-10-5-S
15 dB	313-15-5-D43	313-15-5-N	313-15-5-S
20 dB	313-20-5-D43	313-20-5-N	313-20-5-S
XX dB ( <i>Custom Value</i> )	313-XX-5-D43	313-XX-5-N	313-XX-5-S

Please contact our sales department at 737-200-7090 or [sales@InnowaveRF.com](mailto:sales@InnowaveRF.com) for any custom requirements.

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