

313-9-2 Series of In-Line Wideband Fixed Attenuators are designed for 2W applications from DC - 6000MHz. It covers all cellular frequency bands, including 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



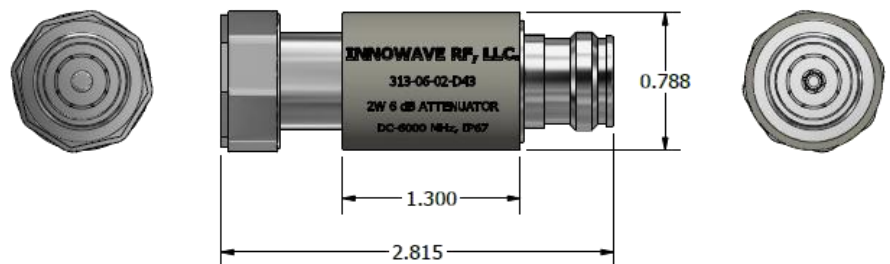
ELECTRICAL SPECIFICATIONS:

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	2W (Average Power)											

MECHANICAL SPECIFICATIONS:

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

Dimensions for 313-9-2-D43





Innovation in Every Wave

313-9-2 Series

CBRS / C-Band / LTE-LAA 2 Watt Wideband In-Line Attenuators

DC-6000MHz, IP67

ORDERING INFO:

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

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

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