

313-XX-2-QMA Series of In-Line Wideband Fixed Attenuators are designed for 2W applications from DC - 6000MHz. 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. Standard values include are listed in the specifications below. They are perfect for In-Line application with conventional QMA Male and QMA Female connectors. **Custom attenuation values can also be manufactured on request.**

FEATURES:

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



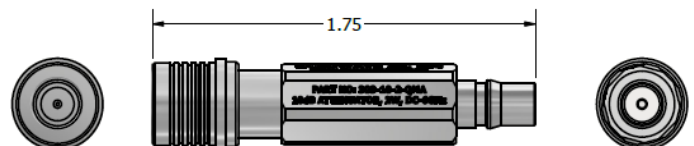
ELECTRICAL SPECIFICATIONS:

Attenuation	1dB	2dB	3dB	4dB	5dB	6dB	7dB	8dB	9dB	10dB	15dB	20dB
Attenuation Accuracy	±0.50	±0.50	±0.50	±0.50	±0.50	±0.55	±0.55	±0.60	±0.80	±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:	QMA Connector (QMA)
Housing Finish:	Aluminum Body
Mounting Method:	In-Line
Temperature Range:	-30°C to 65°C
Weight:	0.50 lbs
Environment:	IP64

Dimensions for 313-XX-2-QMA





Innovation in Every Wave

313-XX-2-QMA Series

2 Watt Wideband In-Line Attenuators with QMA Connectors

DC-6000MHz, IP64

ORDERING INFO:

Part Number Ordering Info	
Attenuation Value	Corresponding Part Number (QMA Connector)
1 dB	313-1-2-QMA
2 dB	313-2-2-QMA
3 dB	313-3-2-QMA
4 dB	313-4-2-QMA
5 dB	313-5-2-QMA
6 dB	313-6-2-QMA
7 dB	313-7-2-QMA
8 dB	313-8-2-QMA
9 dB	313-9-2-QMA
10 dB	313-10-2-QMA
15 dB	313-15-2-QMA
20 dB	313-20-2-QMA
XX dB (<i>Custom Value</i>)	313-XX-2-QMA

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

© Innowave RF, LLC. All Rights Reserved. Specs can change without notice. Drawings are for reference purpose only.