

Features

- Fixed-value attenuators rated for 5 dB, 10 dB, or 20 dB
- Helps reduce signal strength in RF systems to prevent booster overload
- N-Male to N-Female connectors for inline installation
- Low insertion loss and accurate attenuation performance
- Weather-resistant construction for indoor or outdoor use
- Operates in extreme temperatures (-67°F to 257°F)
- 50 Ohm impedance, compatible with Public Safety DAS applications



Description

Guardian ATNR attenuators are used to lower signal strength in RF systems by 5, 10, or 20 dB. Installed between the booster and the donor antenna, these inline components help prevent signal overload. Each attenuator is equipped with N-Male to N-Female connectors, offers low insertion loss, and is rated for consistent performance across a wide operating temperature range.

Technical Specifications

Model #	ATNR-5	ATNR-10	ATNR-20
Attenuation	5 dB	10 dB	20 dB
Attenuation Accuracy	± 0.6 dB	± 0.8 dB	± 0.8 dB
VSWR	≤1.2		
Power Consumption	10 W		
Impedance	50 Ω		
Connector Type	N-Female, N-Male		
Dimension	Φ 20 x 58 mm		
Weight	2.26 oz (64 g)		
Operating Temperature	-67°F to 257°F (-55 to +125°C)		

Ordering Information

Model	Description	Stock No.
ATNR-5	ATNR-5 5 dB RF Attenuator	3996031
ATNR-10	ATNR-10 10 dB RF Attenuator	3996032
ATNR-20	ATNR-20 20 dB RF Attenuator	3996033