

Rev 2, May 2023

## GENERAL DESCRIPTION

Rantelon's RFA-30-50NN is designed to attenuate radio frequency signals with power up to 50Wavg within the frequency range from DC to 3,5GHz. With robust aluminum alloy body attenuator can withstand 50W CW power for 30min period at environment temperature up to 25°C.



## FEATURES

- Wide-band DC – 3.5GHz
- High power up to 50W CW
- Robust aluminum alloy body
- 2xstandard 50Ω N-type connector

## APPLICATIONS

- High power radio frequency signal attenuation
- Radio frequency test and measurement systems
- Military applications

## Parameters :

Parameter	Value	Unit
Frequency range	DC – 3.5	GHz
Input/output impedance	50	Ω
Attenuation	30±1	dB
Maximum power rating, CW	50 *	W
VSWR max.	1,3:1	
RF Connectors	N-male	
Dimensions LxWxH (without connector)	115 x 85 x 75	mm
Weight	1,2	kg

\* for continuous testing (over 30min) forced cooling is required, maximum allowed body temperature is +50°C