

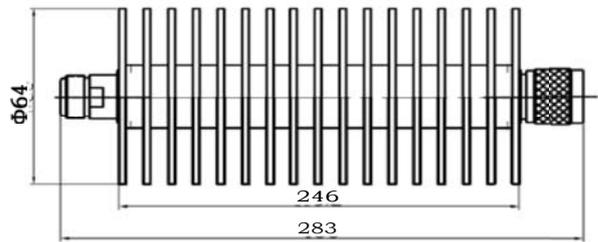
### Features

- /// **Quality connectors with special high temperature support beads.**
- /// **Designed to meet environmental requirements of MIL-A-3933.**

### Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC-18GHz



Part Number	freq. (GHz)	Attenuation and deviation (dB)					VSWR max.
		10	20	30	40	50-60	
A4-N-XX-200WR	DC-4	±0.7	±0.7	±0.8	±0.8	±1.0	1.20
A8-N-XX-200WR	DC-8	±0.8	±0.8	±1.0	±1.0	±1.2	1.25
A12.4-N-XX-200WR	DC-12.4	±0.8	±0.8	±1.2	±1.2	±1.5	1.35
A18-N-XX-200WR	DC-18	±1.0	±1.0	±1.2	±1.2	±1.5	1.45

Notes: XX is attenuation, such as 10、20、30、40、50、60dB.

**POWER RATING**(mounted horizontally with fins Vertical):200Watts average (unidirectional) to 25°C ambient temperature, derated linearly to 10% @ 125°C.  
Note: 1 Kelowatt Peak (5usec pulse width; 0.75% duty cycle)

**POWER COEFFICIENT:** <0.0001 dB/dB/watt  
**TEMPERATURE COEFFICIENT:** <0.0004 dB/dB/°C  
**TEMPERATURE RANGE:** -55°C to 125°C

**CONNECTORS:** Type N connectors per MIL-STD-348 interface dimensions - mate nondestructively with MIL-C-39012 connectors.

Connector Options	Type/Description
Nm	Type N male
Nf	Type N female

The default Connector is N male and N female,N male is at the input side. If you need other connector gender, please state in the part number as NfNf or NfNm etc.

**CONSTRUCTION:** Aluminum alloy body, brass connectors; gold plated beryllium female center contacts and brass male center contacts.

**WEIGHT:** 2.7 kg

### MODEL NUMBER DESCRIPTION

Example:

**A18 - XX - XX - 200WR**

Freq. Max.    Connector Options    Attenuation Value (dB)  
 1st digit is input side    2nd digit is output side

\* Add -LIM for Low Intermodulation option. Option only available in 10, 20, 30, 40 dB and is not available through Express.