



# APM CO., LTD

## AHA-08M08G-NF

### 800MHz to 8GHz Double Ridged Broadband Waveguide Horn Antenna



The antenna main body with the bracket using CNC precision manufacturing, and adopt a more weather resistant material aluminum material and the surface through the 6061 and 7071 Aluminum special handling to prevent oxidation

The AHA-08M08G-NF antenna for local manufacturing in Taiwan, It has many group of spare parts and the peripheral fitting. If you have any question, we may provide service and the adjustment service anytime.

AHA-08M08G-NF each antenna through the RF network analyzer and adjust the testing laboratory to ensure that AHA-08M08G-NF the stability and quality,

### Applications

- 800 MHz to 8GHz
- 6061 Aluminum metal alloy
- Stainless Steel N-female
- Taiwan Design ,Make in Taiwan

### Features

- High Power 500W (peak) 300W (Cont)
- DC Short lightning protection
- Low VSWR
- Uniform Gain
- Consolidated performance data base



# APM CO., LTD

## AHA-08M08G-NF

### Electrical Specifications

Frequency Range	800MHz - 8000MHz
1GHz - 8GHz V.S.W.R	2 :1 (avg)
Antenna Type	Horn
Radiation	Directional
Gain	4-16 dBi
Antenna Factor	24 - 40 dB/m
Polarization	Vertical or Horizontal
Maximum Power	500W
Vertical Beam-with	90 -10 Deg
Horizontal Beam-with	60 - 10 Deg
Impedance	50Ω
FBR	10 - 35 db
Antenna Design	Double-Ridge
Connector	N-Female

### Mechanical Specifications

Length (MAX)	202mm
Diameter (MAX)	245 x 143 mm
Antenna Weight (G.W)	800g
Accessories (G.W)	200g
Application	Indoor
Paets Material	Aluminum
L Mount Style	M6 or 1/4 in
Mounting	L Type Aluminum
Mount Style	22mm / Long 150mm
indexing Ring Mounting	22mm Tube
Storage Temperature	-20 to +60
Operating Temperature	-10 to +30
Operating Humidity	10%~70% non-condensing
Storage Humidity	5%~50% non-condensing
Safety,Emission and other	RoHS