

Yagi Antenna 1.71~2.17GHz 9dBi for N FEMALE  
HYA-1721-09N-F

**APPLICATIONS AND FEATURES**

**Applications:**

- 1710~2170 MHz ISM Band
- 09dbi Directional Multitpoint applications
- DCS1800 GSM1800 1.8GHz 2G
- PCS1900 GSM1900 1.9GHz
- PCS2000 GSM2000 3G 3.5G
- Public Wireless Hotspot
- WiFi, CDMA, RFID, GSM
- Wireless Video Systems

**Features :**

- Superior performance
- Light weight
- Optional Mounting Kits available
- Durable UV-stable
- Can be installed for either vertical or horizontal polarization
- RoHS Compliant



**SPECIFICATIONS:**

HYA-1721-09N-F can be used in indoor and outdoor settings. HYA-1721-09N-F is made in Taiwan and comes with QC reports. The frequency is between 1.71-2.17GHZ, and it is compatible with GSM1800 2G GSM1900 2.5G GSM2000, 3G & 3.5G. It can be mounted on an outdoor wall. HYA-1721-09N-F comes with different types of mounting kits, N male connector, small quantity order is acceptable.

**Electrical Specifications**

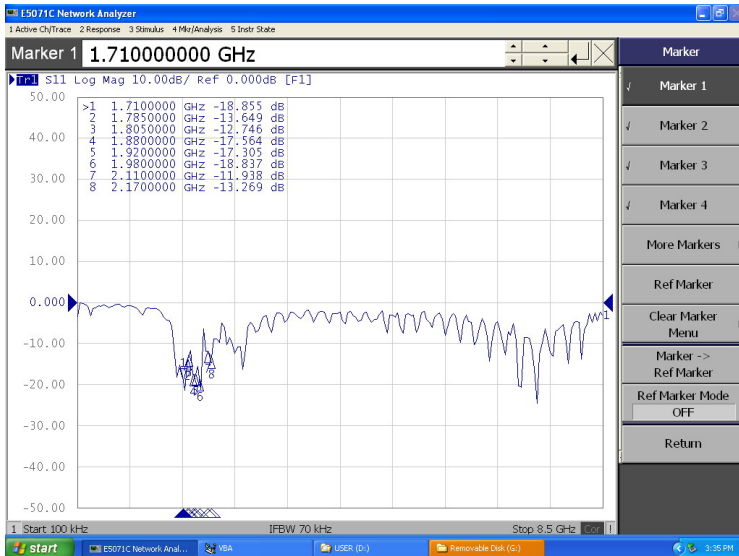
Frequency Range	1.71~2.17GHz
V.S.W.R	≤1.5
Return Loss	≤-13db
Antenna Type	Collinear
Gain	09dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	50°
Horizontal Beam-with	55°
Impedance	50Ω
Connector	N Female

**Mechanical Specifications**

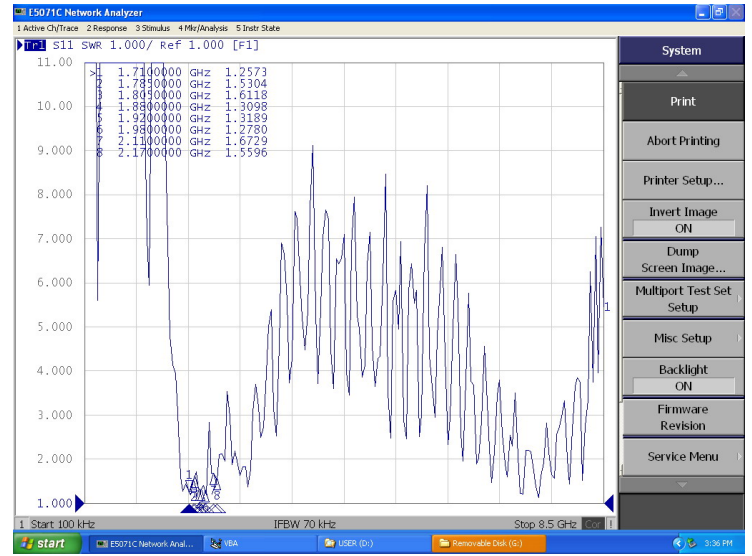
Length	430mm
Diameter	92mm
Weight	480g
Wind Survival	> 150 MPH
Radome Material	ABS + UV resistance
RoHS Compliant	Yes
Operating Temperature	-40°C to +80°C
Clamps	U-bolt
Mounting Pipe	30 ~ 43mm

# TESTING REPORT:

## Return Loss

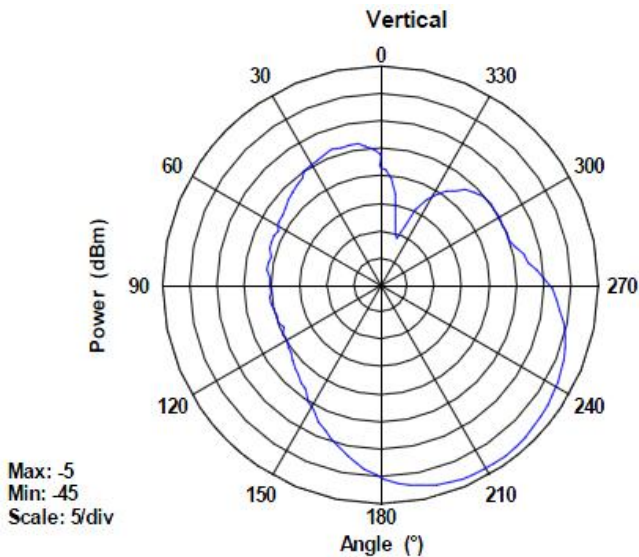


## V.S.W.R

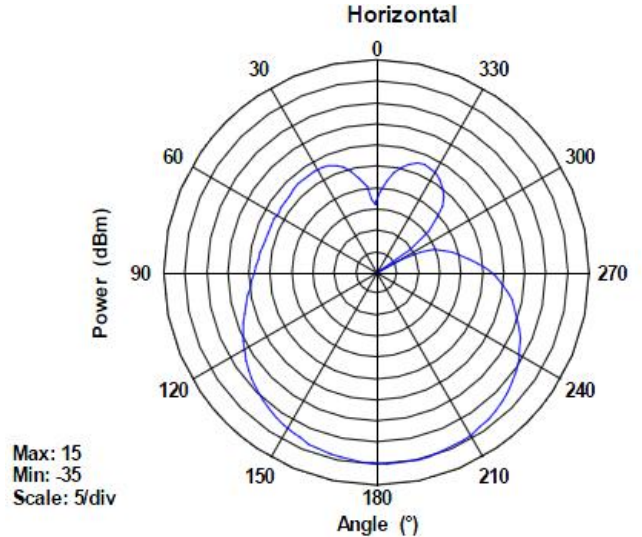


## Antenna Vertical & Horizontal Pattern

### Vertical



### Horizontal



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