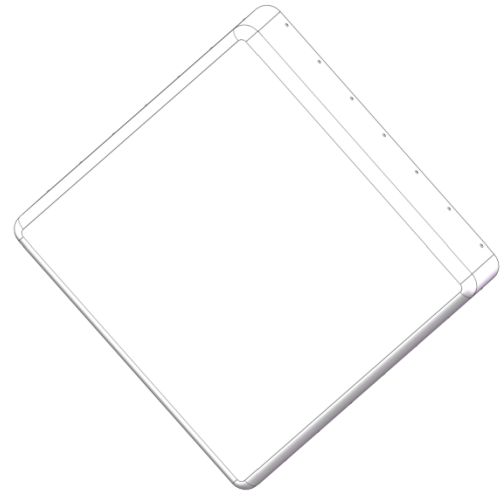


711-900-15 is Outdoor Rated Panel Mount Donor Antenna that offers 15dBi Gain in 700 / 850 / 960 MHz Bands (698 MHz to 960 MHz). This Antenna is designed to have excellent signal quality by reducing out of band noise and improving Signal-to-Noise Ratio. The high Gain provided by this Antenna makes it a perfect Donor Antenna for the Low-Band Cellular and Public Safety Bands. The square shaped Radome of the antenna make it a rugged structure for harsh environment. All mounting hardware including U-Bolts, brackets, nuts and screws are provided with the Antenna.

FEATURES:

- Low-Band Cellular and Public Safety Bands
- Superior Performance
- 15 dBi Gain from 698 MHz to 960 MHz
- Low VSWR
- Square Shaped for Rugged constructions
- Outdoor Rated
- RoHS Compliant
- In Stock to low lead time delivery



ELECTRICAL SPECIFICATIONS:

Frequency Bands	698 MHz – 806 MHz	806 MHz – 960 MHz
Gain	15 dBi	15 dBi
VSWR	≤ 1.8	≤ 1.75
Polarization	Vertical	
Front to Back Ratio	25	25
No. of Elements		
Horizontal Beamwidth	32°	28°
Vertical Beamwidth	31°	28°
Input Impedance	50	
Max Power	100 W	
Lightning Protection	DC Protection	

MECHANICAL SPECIFICATIONS:

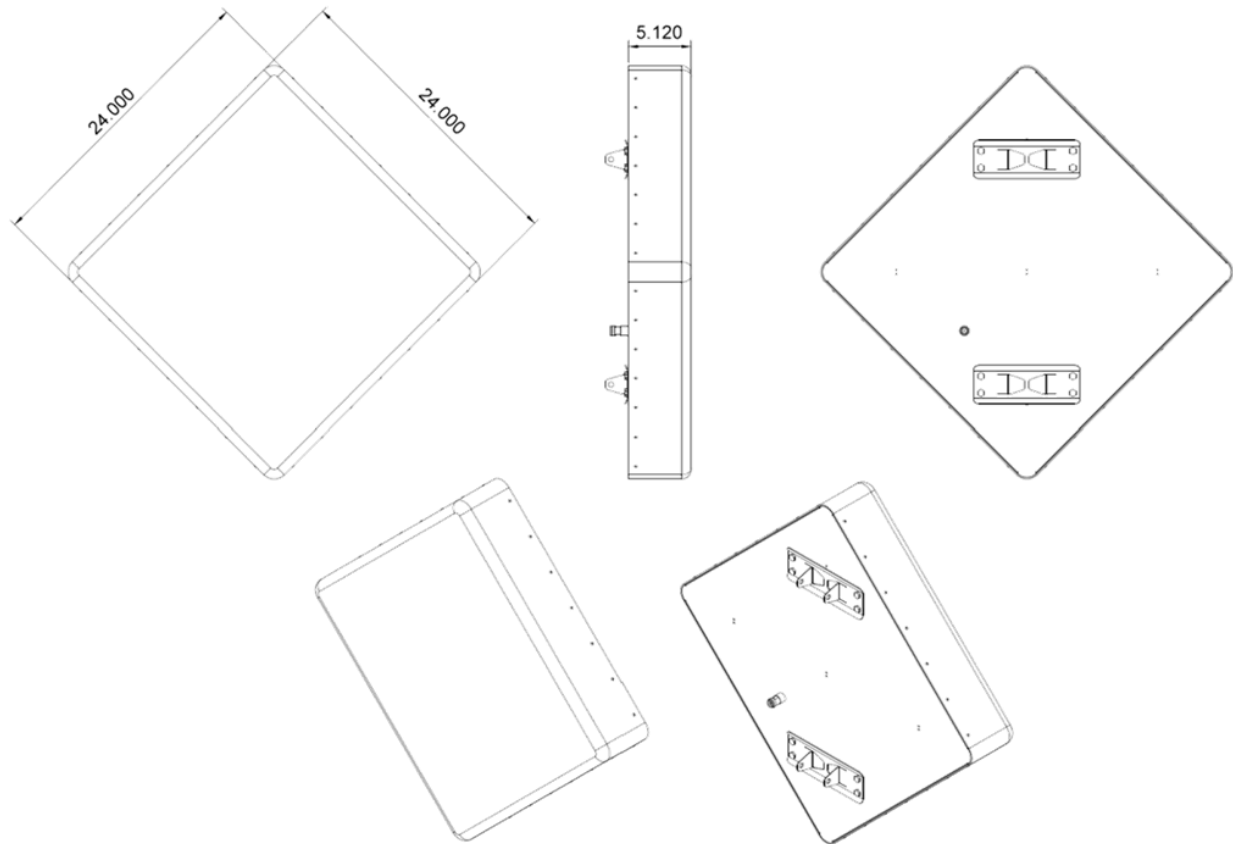
Connectors	4.3-10(F) (Standard)
Environmental Class	Outdoor
Mounting	Pole Mount (Ø2.00" – Ø4.25")
Dimension	24.00" x 24.00" x 5.12"
Weight	15lbs (w/ U-Bolt)
Reflector Material	Aluminum
Operating Temperature	-40°C to +65°C
Radome Material	Fiberglass

ORDERING INFO:

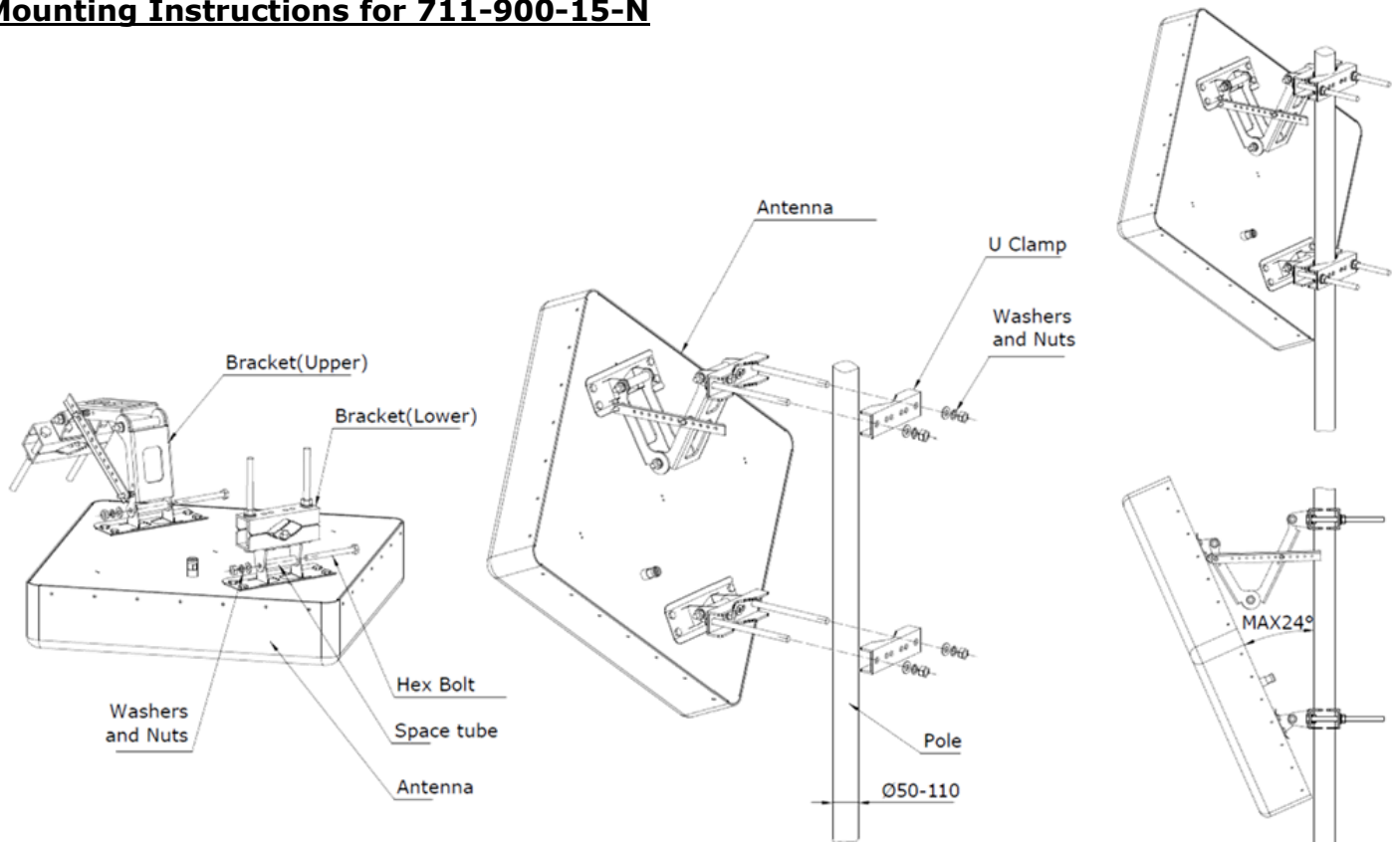
4.3-10 Conn: 711-900-15-D43

Type-N Conn: 711-900-15-N

Dimensions for 711-900-15-N

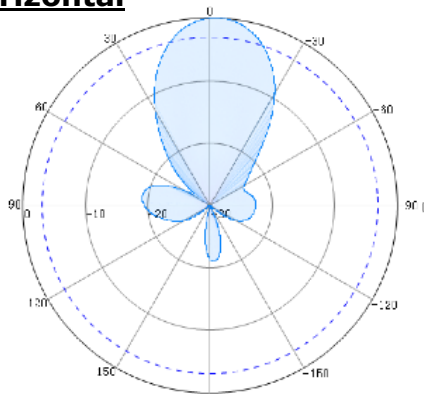


Mounting Instructions for 711-900-15-N

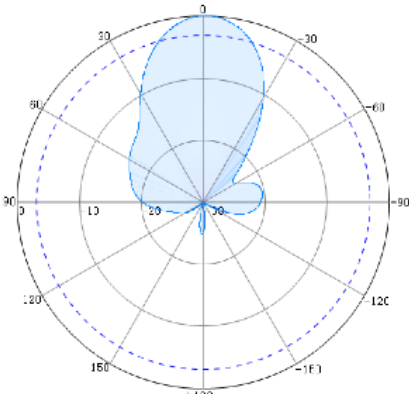


Radiation Patterns

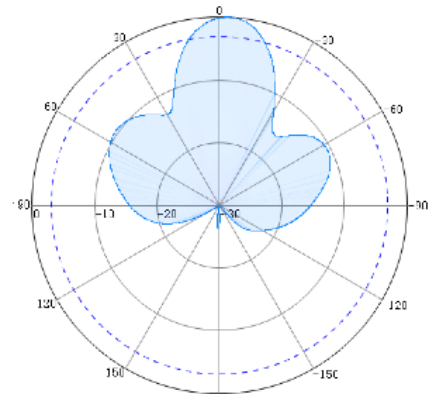
Horizontal



750 MHz

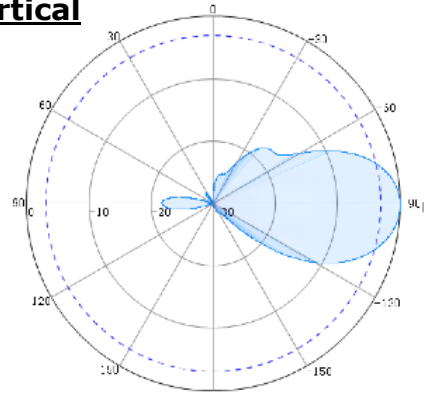


806 MHz

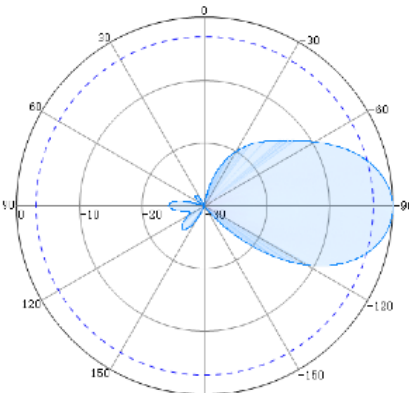


960 MHz

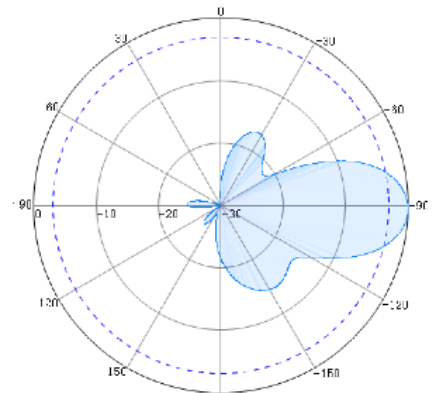
Vertical



750 MHz



806 MHz



960 MHz

Please contact our sales department at 737-200-7090 or sales@InnowaveRF.com for any custom requirements.

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