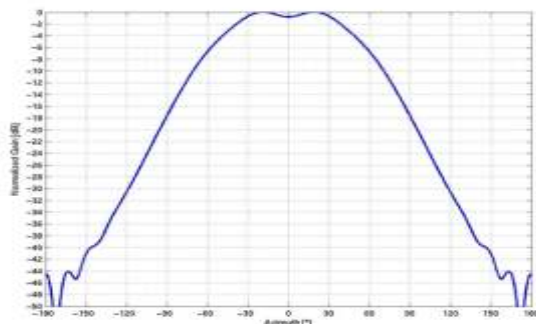


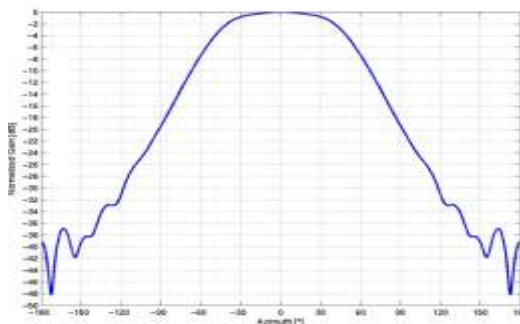


- 3300 to 3800 MHz Coverage
- Extremely low side lobes
- Null fill below the horizon
- Rugged Carrier Class Construction

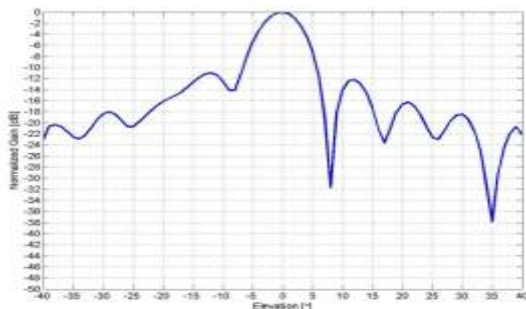
Vertical Polarization



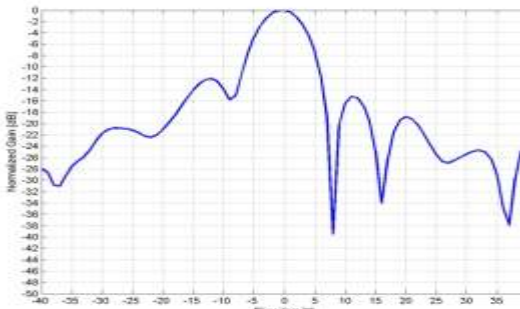
Horizontal Polarization



Vertical Polarization



Horizontal Polarization



3.3 - 3.8 GHz DUAL POLARIZED BROADBAND WIRELESS BASE STATION ANTENNA

Cushcraft's newest addition to the high performance broadband wireless access base station antenna series, the J33016D00-90N is designed to operate in the 3.3-3.8 GHz frequency band. While exhibiting carrier class physical and mechanical properties the antenna represents a real breakthrough in its unique combination of polarization, gain, side lobe levels and null fill characteristics. The J33016D00-90N offers 15.5 dBi of gain in a dual polarization configuration while also incorporating Cushcraft's unique extremely low side lobe and null fill characteristics. Side lobe levels are better than -30dB and the antenna's pattern characteristics include null fill below the horizon.

Contact your Cushcraft Sales Representative for information on the complete ProShape and Proshape Ultra product lines.

PRODUCT TECHNICAL SPECIFICATIONS*

Frequency (GHz) :	3.3 - 3.8
Gain (dBi):	15.5
Gain flatness:	± 0.5
Horizontal Plane (3 dB):	90°
Dual Polarization:	Horizontal / Vertical
Weight (Antenna Only) lb.(kg):	13(5.9)
VSWR:	2.0:1
Mounting Style:	Mast-Tilt hrdwr (incl)
Dimensions (in):	28 x 11 x 6
Windload (operational):	95 lbs @ 110mph
Enclosure:	ASA/Aluminum
Power (Watts):	100
RF Connector:	N(female)



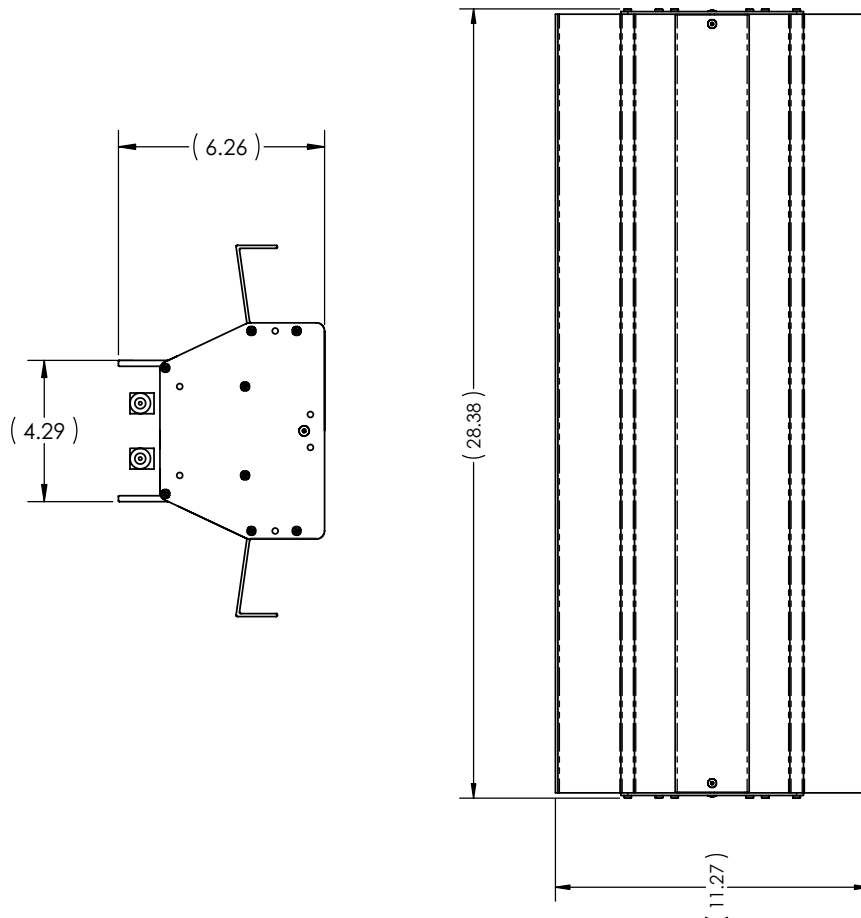
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MODEL NUMBER	Frequency GHz	Gain dBi	VSWR	Sector Beamwidth
J33016D00-90N	3.3-3.8	15.5	2.0:1	90

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ANTENNA WEIGHT: 13 LB (5.9 KG) MAXIMUM.
2. RADOME COLOR: WHITE
3. BRACKETS AND MOUNTING HARDWARE SUPPLIED WITH ANTENNA.
4. ALLOWABLE POLE SIZE RANGE $\phi 2.5"$ TO $\phi 4.5"$ (63.5 - 114 MM) OUTSIDE DIAMETER.
5. DIMENSIONS IN INCHES. DIMENSIONS IN [] ARE IN MM.
6. ANTENNA DOWN TILT ADJUSTMENT RANGE 0° TO 5° .



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