

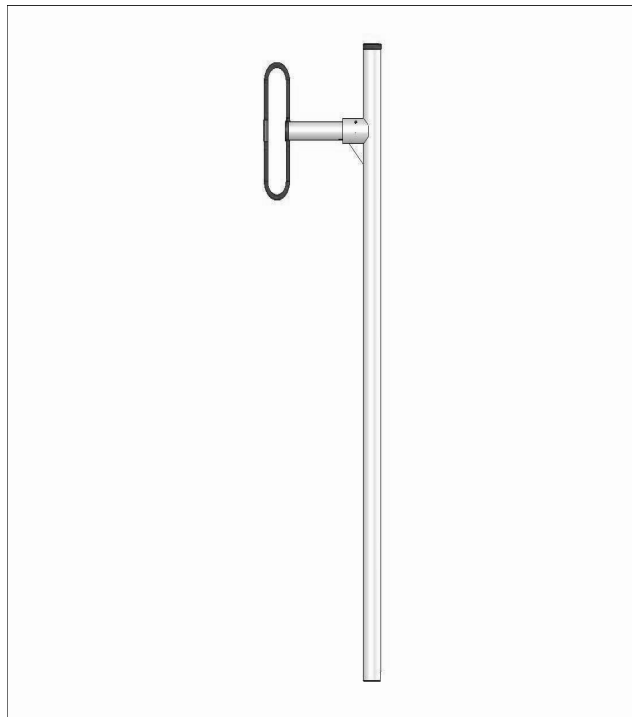
# PROFESSIONAL SERIES OFFSET PROex380-4-H-0-N1

380-430 MHz

## ANTENNA SPECIFICATIONS

Operating Frequency (VSWR $\leq$ 1.5) MHz	380-430
Nominal Gain (dBi)	4.5
Horizontal Beamwidth (Deg-3dB)	270
Vertical Beamwidth (Deg-3dB)	123
Front To Back Ratio (dB)	0
Power Rating (W)	300
Length (inches)	60
Width (inches)	16
Antenna Weight (lbs.)	8
Cross Sectional Area (Max. Ft <sup>2</sup> )	1.4
Lateral Thrust at 100mph (lbs.)	35
Rated Wind Velocity (mph)	150
Rated Wind Velocity with 1/2" radial ice (mph)	90

The PROex380-4 has been specifically engineered to meet or exceed all the requirements of a broadband, offset dipole professional grade antenna. This antenna provides 4.5 dBi gain and operates effectively across the operating range of 380-430 MHz with a VSWR of 1.5:1 or less. The dipole to mast spacing is  $\frac{1}{2}$  wave. All WaveLink Antenna PRO Series offset antennas are manufactured using high strength 6061 T6 aluminum to ensure consistent operating performance. Each dipole junction is welded in a fixed position, incorporating a tuned, internal cable harness, thereby eliminating any exposure to the elements; every broadband dipole is fixed in place by a CNC-machined aluminum saddle. These two features combine to minimize or even eliminate all potential intermod or misalignment problems. In addition, the dipoles are anodized to protect against environmental degradation. The PROex380-4 is made standard with 5' of RG213 with a soldered N-male crimp connector.



PROex380-4 is equipped with a standard feed line length of 5' RG213 cable and N-Male connector. Please contact our sales staff for alternate connector requirements.

Extended feed line available in 5' increments up to a maximum of 50'. All extended feed line antennas equipped with RG213 cable and N-Male connector.



Suggested mounting bracket C1002  
(Bracket not included)