

This antenna has been designed to offer our strongest model for installation in harsh environments.

## 7530610

V-Pol | Colinear | Omnidirectional | 3 dBd

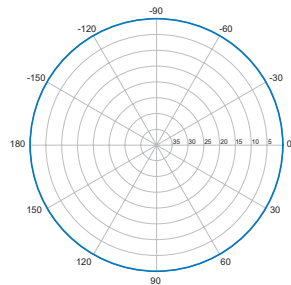
Electrical Characteristics	
Frequency band	410-430 MHz
Polarization	Vertical
Horizontal beamwidth	Omnidirectional ±0.25 dB
Vertical beamwidth (3 dB)	35°
Gain	3.0 dBd / 5.1 dBi
Electrical downtilt*	10°
Impedance	50Ω
VSWR	1.5:1 maximum full band
Power rating	300 W
UM3 (2 x 20 W carriers)	-110 dBm
Connector type	7/16 socket fitted inside the base mounting tube with black plastic rain shield
Operating temperature	-30° to 55° C      -22° to 131° F
Lightning protection	DC grounded. Antennas remain intact following a lightning strike of 2.5 x 10 <sup>5</sup> Amp <sup>2</sup> second.

\* Other electrical downtilts available upon request.

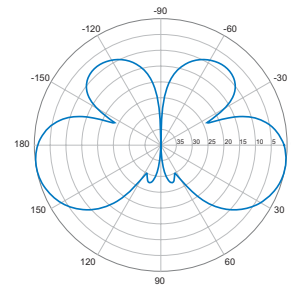
Mechanical Characteristics		
Dimensions (Length x Diameter)	1630 x 56 mm	64.2 x 2.2 in
Diameter of mounting stub	70 mm	2.8 in
Weight without bracket	4.8 kg	10.6 lbs
Survival wind speed (tested to survive in operational state)	300 km/hr	185 mph
Wind load @ 160 km/hr (100 mph)	125 N	33 lbf

Mounting Options	
Mounting bracket	0300235/00
Alternate mounting bracket	0300284/00 + U-bolts to match mounting pipe diameter.

Please order Mounting Bracket separately.



Horizontal



Vertical

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.