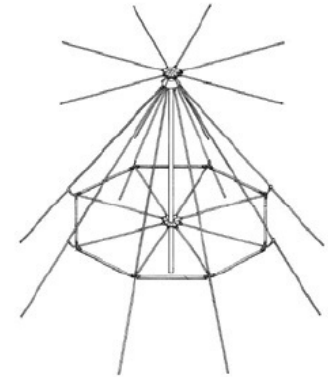


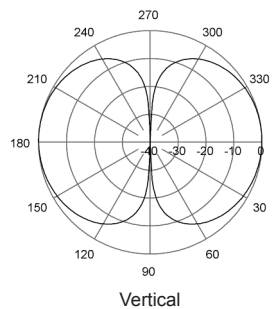
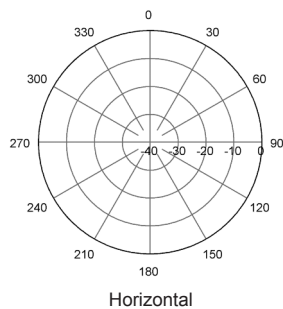
A Wideband Discone antenna commonly used for ground-to-air and frequency scanning applications. The discone element design provides reliable communications over an extremely wide operating bandwidth. The 7437 model is a reinforced version of the popular 7177 model for high wind applications.

## 7437010

V-Pol | Wideband Discone | 360° | 0 dBd



Electrical Characteristics	
Frequency band	100-500 MHz
Polarization	Vertical
Horizontal beamwidth	360°
Vertical beamwidth	80°
Gain	0 dBd
Impedance	50Ω
VSWR	<2.5:1 over full band <2.0:1 typical over VHF and UHF air band
Maximum power	250 W
Connector	N-Female + RG213 cable
Lightning protection	DC grounded
Mechanical Characteristics	
Materials	Elements, solid aluminium rod Spine, aluminium tube Bracings, aluminium and PVC Finish, alochrome
Dimensions (Height x Diameter)	1170 x 1360 mm      46.1 x 53.5 in
Weight without bracket	5.0 kg      11.0 lbs
Wind load @ 160 km/hr (100 mph)	186 N      41.8 lbf
Mounting Options	
Mounting bracket	0900964/00
Alternate mounting bracket	0300064/00 + U-Bolts to match mounting pipe diameter
Please order Mounting Bracket separately.	



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.