

7129xxx

V-Pol or H-Pol | Corner Reflector | 35° | 10.0 dBd

A UHF Corner Reflector antenna designed for TETRA networks. This antenna provides approximately the same gain as an 8-Element Yagi antenna but with improved F/B ratio and reduced sidelobes in the horizontal plane. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.

Replace "xxx" with desired model number option.

Electrical Characteristics		
Frequency range	380..500 MHz	
Model number options (xxx)	Model Number 7129405 7129400	Frequency band* 380-430 MHz 400-470 MHz
Bandwidth	±9% (typical)	
Polarization	Vertical or Horizontal	
Horizontal beamwidth	35°	
Vertical beamwidth	55°	
Gain	10 dBd	
Impedance	50Ω	
VSWR	<1.5:1	
Front-to-back ratio	>25 dB	
Maximum power	150 W	
Connector type	N-Female + 3m of RG213 cable	
Lightning protection	DC grounded	

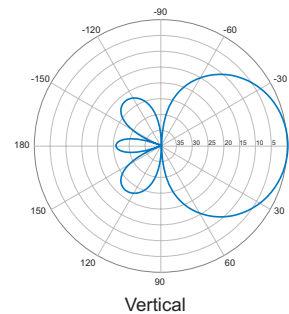
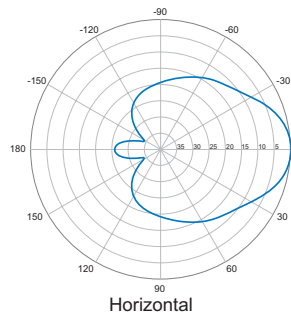


* Other frequencies available upon request.

Mechanical Characteristics			
Materials	Booms, 32 mm dia., aluminium Elements, 12 mm dia., aluminium Balun, fully moulded enclosure		
Dimensions WxHxD	400 MHz:	1500 x 700 x 600 mm	59.1 x 27.6 x 23.6 in
Weight without bracket	400 MHz:	16.5 kg	36.4 lbs
Wind load @ 160 km/hr (100 mph)	400 MHz	510 N	114.7 lbf

Mounting Options	
Mounting bracket	0300146/00

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.