

A rugged and durable SHF band Colinear antenna housed inside a high-strength, glassfibre shroud. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.

## 7576xxx

Replace "xxx" with desired model number option.

V-Pol | Colinear | 360° | 8.1 dBi



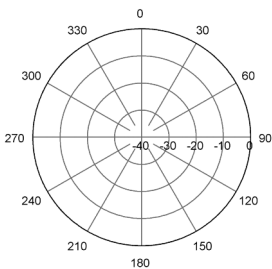
Electrical Characteristics		
Frequency range	1360..1650 MHz	
Model number options (xxx)	Model Number 7576100 7576000 7576600	Frequency band 1360-1460 MHz 1427-1530 MHz 1550-1650 MHz
Polarization	Vertical	
Horizontal beamwidth	360°	
Vertical beamwidth	14°	
Gain	8.1 dBi	
Electrical downtilt*	0°	
Impedance	50Ω	
VSWR	<1.5:1	
Maximum power	100 W	
Connector type	N-Socket at the base	
Lightning protection	DC grounded. Antennas remain intact following a lightning strike of 2.5 x 10 <sup>5</sup> Amp <sup>2</sup> second. Finial 1/2" stainless steel extending 220 mm (8.7 in) beyond top cap.	

\* Other electrical downtilts available upon request.

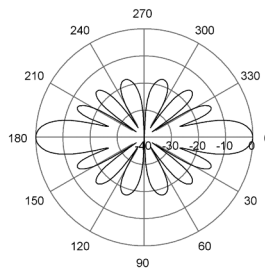
Mechanical Characteristics		
Materials	Glass fibre shroud Aluminium mounting section	
Dimensions (Length)	1320 mm	52.0 in
Weight without bracket	2.5 kg	5.5 lbs
Wind load @ 160 km/hr (100 mph)	70 N	15.7 lbf

Mounting Options	
Mounting bracket	0300120/00
Alternate mounting bracket	0300066/00

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.