

7536xxx

V-Pol | Colinear | 360° | 5.5 dBd

A rugged and durable UHF Colinear antenna designed for use in TETRA networks. This design is housed inside a high-strength, glassfibre shroud and includes an integrated mounting clamp allowing easy installation on poles or horizontal rails. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions. Low IMP rated models are available upon request.

Replace "xxx" with desired model number option.

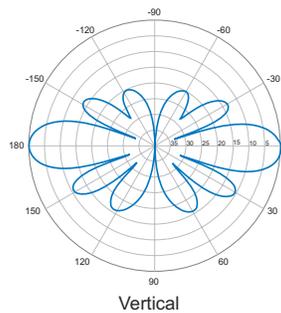
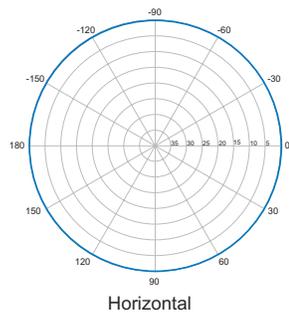
Electrical Characteristics													
Frequency range	380..512 MHz												
Model number options (xxx)	<table border="1"> <thead> <tr> <th>Model Number</th> <th>Frequency band*</th> </tr> </thead> <tbody> <tr> <td>7536395</td> <td>380-410 MHz</td> </tr> <tr> <td>7536415</td> <td>400-430 MHz</td> </tr> <tr> <td>7536420</td> <td>420-450 MHz</td> </tr> <tr> <td>7536000</td> <td>440-470 MHz</td> </tr> <tr> <td>7536506</td> <td>500-512 MHz</td> </tr> </tbody> </table>	Model Number	Frequency band*	7536395	380-410 MHz	7536415	400-430 MHz	7536420	420-450 MHz	7536000	440-470 MHz	7536506	500-512 MHz
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7536395	380-410 MHz												
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7536000	440-470 MHz												
7536506	500-512 MHz												
Polarization	Vertical												
Horizontal beamwidth	360°												
Vertical beamwidth	17°												
Gain	5.5 dBd												
Electrical downtilt	0°												
Impedance	50Ω												
VSWR	<1.5:1												
Maximum power	150 W												
Connector type	N-Female + 0.3m RG213 cable (7/16-DIN optional)												
Lightning protection	DC grounded												



* Other frequencies available upon request.

Mechanical Characteristics	
Materials	Glass fibre shroud Aluminium mounting section
Dimensions (Length)	2700 mm 106.3 in
Weight without bracket	1.8 kg 4.0 lbs
Wind load @ 160 km/hr (100 mph)	73 N 16.4 lbf

Mounting Options	
Mounting	Integral mounting clamp to fit 38-50 mm dia. pipe or horizontal rail



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.