



## MODEL 360

### FEATURES

Helix antenna with circular polarization, right or left, as specified, with application for satellite communications or situations where high incidence reflections occur, e.g. mines and tunnels.

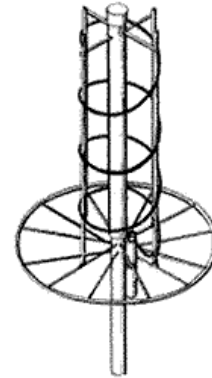
Provides broadband coverage within the frequency range of 400 - 520 MHz.

### CONSTRUCTION

Robust construction with all metal parts of stainless steel, and ABS supporting tube for the helix, and all other non metal parts of fibreglass.

### NOTES

Different gain specifications may be supplied, or other models within the frequency range of 400 - 2700 MHz, to special order.



Model 360

<b>MODEL NO</b>	<b>360</b>
<b>FREQUENCY RANGE</b>	400 - 520 MHz
<b>IMPEDANCE</b>	50 ohms
<b>BANDWIDTH</b>	70 MHz
<b>VSWR</b>	1.5:1
<b>POLARIZATION</b>	CIRCULAR / RIGHT / LEFT
<b>GAIN</b>	5dBd
<b>BEAMWIDTH</b>	64°
<b>FRONT/BACK RATIO</b>	19dB
<b>POWER</b>	500 Watts (input)
<b>LIGHTNING</b>	DC GROUND
<b>TERMINATION</b>	'N' FEMALE
<b>WEIGHT</b>	6.5kg
<b>DIPOLES/ELEMENTS</b>	1 x 3 turn helix
<b>BOOM Ø</b>	39mm
<b>BOOM LENGTH</b>	1100 mm
<b>MOUNTING (POSITION)</b>	END
<b>PROJECTED AREA</b>	0.12 m <sup>2</sup>
<b>LATERAL THRUST *</b>	0.200 kN (@ 175 km/h)

\* In accordance with AS 1170 : Part 2 "SAA Loading Code - Wind Forces"



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