



MD23-AIS

LOW PROFILE END FED HELICAL ANTENNA



This lightweight, low windage antenna is a modern compact antenna with a polycarbonate body and rubber coated helical whip section. The antenna is epoxy sealed top and bottom and is specifically tuned to the AIS frequency band. The Helical is matched via a tuning circuit in the base to allow this antenna to work independently of any ground plane.

The antenna is supplied with a range of cable lengths or with an N type jack in the base.

Registered in England No. 02452908 – VAT No. GB 531 6758 38
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Shakespeare is a subsidiary of Jarden Corporation (NYSE: JAH)

TECHNICAL DATA

END FED HELICAL

MD23-AIS

<u>ELECTRICAL</u>	
FREQUENCY	161–162.5MHz (Covers AIS Band)
POLAR RADIATION	Omni Directional
POLARISATION	Vertical
IMPEDANCE	50 Ohms
VSWR	<1.5:1 at resonant point
BANDWIDTH	+/- 3% @ 2:1
GAIN	Unity (over half wave dipole)
CABLE	AS requested (Standard 20m RG58) Or Supplied cable-free with N type jack in base
CONNECTOR	As requested (Standard BNC Crimp)
POWER RATING	50W
<u>MECHANICAL</u>	
ELEMENT	Rubber Overmoulded Helical whip
SEALING / BASE	Epoxy Resin Sealed
LENGTH	0.31m Total length

The above figures & dimensions are nominal

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