



ANTENNAS & AERIALS

AV20 QUARTER-WAVE HELICAL AIS ANTENNA

SKU: 001-1054

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FEATURES

- **Omnidirectional**
- **Ideal for UAVs**
- **Designed for AIS**
- **Rugged rubber overmould construction**
- **Lightweight with low windage**
- **Supplied with bracket and cable**
- **Watertight**

OVERVIEW

The AV20 is a lightweight, compact 1/4 wave AIS antenna with a rubber coated helical whip section, resulting in low windage and ideal for use with the COM100 series AIS receiver.

The antenna has a skirt covering the BNC connector at the base for full weather protection.

Supplied with right angle bracket and 3m patch lead.

APPLICATIONS

- Ideal for use with the COM100 lightweight AIS receiver

RELATED PRODUCTS

[AV30](#) - Ground Plane Independent Reduced Height AIS Antenna

PHYSICAL	
Weight:	87g
Dimensions:	L 180mm
Mounting:	Right-angle Bracket
Construction:	Rubber Overmoulded Helical whip

ELECTRICAL	
Antenna Impedance:	50 Ω
Cable:	3m RG58 patch lead included
Connections:	BNC Plug terminated patch lead
Power Rating:	50W

OPERATIONAL	
Frequency range:	AIS Band 161.5 optimised
Polar Radiation:	Omni Directional
Polarisation:	Vertical
Gain:	Unity
VSWR:	<1.5:1 at resonance
Bandwidth:	+/- 3% @ 2:1

ADDITIONAL	
Supplied:	Right-angle Bracket
Supplied:	3m RG58 patch lead with BNC plug



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