

ANTENNAS & AERIALS

AV20 QUARTER-WAVE HELICAL AIS ANTENNA

SKU: 001-1054

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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, 3m patch lead and BNC adapter.

APPLICATIONS

- Ideal for use with the COM100 lightweight AIS receiver

RELATED PRODUCTS

AV30 - Ground Plane Independent Reduced Height AIS Antenna

FEATURES

- **Omnidirectional**
- **Ideal for UAVs**
- **Designed for AIS**
- **Rugged rubber overmould construction**
- **Lightweight with low windage**
- **Supplied with right-angle mounting bracket, 3m RG58 Patch Lead and BNC female-to-female Adapter**
- **Watertight**



Included 3m RG58 Patch Lead

SPECIFICATIONS

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

ELECTRICAL	
Antenna Impedance:	50 Ω
Antenna Connection:	BNC Male
Cable:	3m RG58 patch lead with BNC male connectors
Included Adapter:	BNC female-to-female adapter
Power Rating:	50W

OPERATIONAL	
Frequency range:	AIS Band 161.5 optimised
Radiation Pattern:	Omni Directional
Polarisation:	Vertical
Gain:	Unity
VSWR:	<1.5:1 at resonance
Bandwidth:	±3% at 2:1 VSWR

ADDITIONAL	
Supplied:	Right-angle Bracket
Supplied:	3m RG58 patch lead with BNC male connectors
Supplied:	BNC female-to-female adapter

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