



## FEATURES

- **Suitable for AIS Class B Transponders and AIS Receivers**
- **Enables AIS and VHF to share a single antenna installation**
- **Automatic switching between AIS and VHF transmissions, with VHF priority**
- **Rugged ABS housing with carbon-reinforced side plates for durability**
- **Operates on 12 V DC supply**
- **Quick and easy to install**

## SPLITTERS

# AS350 AIS / VHF ANTENNA SPLITTER

SKU: 001-2520

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## OVERVIEW

The AS350 Antenna Splitter from Comar Systems allows an AIS Class B transponder or AIS receiver to share the vessel's main VHF antenna with the onboard VHF radiotelephone. This eliminates the need and cost of installing a separate VHF antenna for AIS equipment.

The AS350 automatically routes signals to ensure reliable operation of both AIS and VHF systems, giving priority to VHF transmissions

Housed in a compact, durable ABS enclosure with carbon-reinforced connector panels, it combines strength with a premium, technical finish while maintaining the performance of connected AIS and VHF radio equipment.

## APPLICATIONS

- Enables AIS operation using an existing VHF antenna
- Reduces cost and complexity by avoiding a second antenna installation

## ACCESSORIES

- AV100 - Stainless Steel Whip VHF Antenna
- AV400 - Heavy Duty Commercial GRP AIS Antenna

## RELATED PRODUCTS

[T350](#) - Class B AIS Transponder

[R250](#) - Dual-channel AIS Receiver with Serial NMEA output

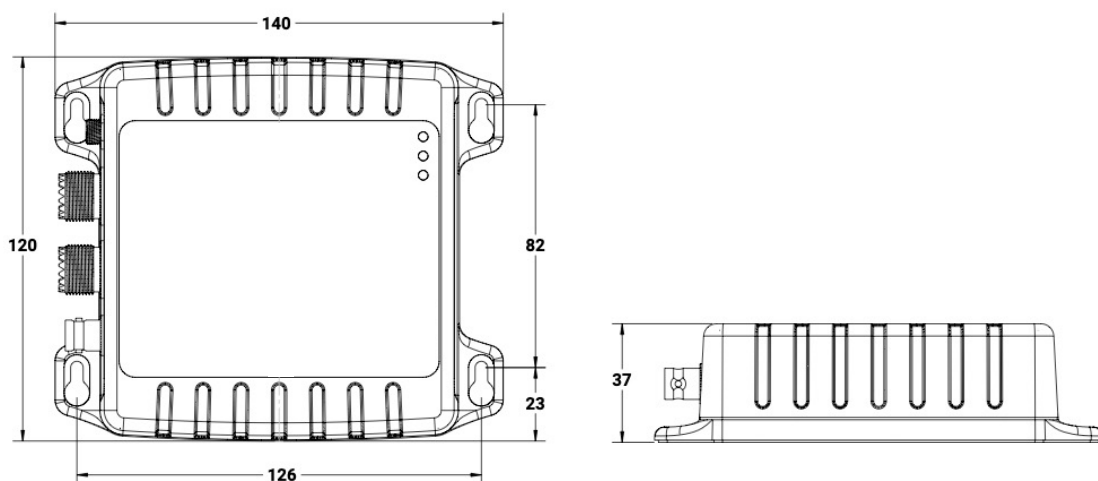
PHYSICAL	
<b>Weight:</b>	250 g
<b>Dimensions:</b>	L 140 x W 120 x H 37 mm
<b>Mounting:</b>	To flat surface, #6 (3.5mm Dia) Pan Screws
<b>Connections:</b>	Power: 1 m 2-core captive cable Antenna: S0239 UHF Connector VHF Radiotelephone: S0239 UHF Connector AIS Transponder / Receiver: BNC Connector
<b>Construction:</b>	ABS Enclosure, PETG-CF Connector Panels
<b>Finish:</b>	Black Fine-texture ABS

ELECTRICAL	
<b>Power Supply:</b>	12 / 24 V dc
<b>Operating Current:</b>	AIS / VHF Transmit: 135 mA (typical) AIS / VHF Receive: 65 mA (typical)
<b>Antenna Impedance:</b>	AIS / VHF Antenna: 50 Ω

OPERATIONAL	
<b>Frequency Range:</b>	156.025 MHz to 162.025 MHz
<b>Sensitivity:</b>	Up to -112 dBm
<b>Display:</b>	3 Indicator LEDs (ON; AIS TX; VHF TX)
<b>Switching Time:</b>	From Receive to AIS TX or VHF TX: 20 microseconds

ENVIRONMENTAL	
<b>IP rating:</b>	IP40
<b>Operating temp:</b>	-15°C to +55°C
<b>Storage temp:</b>	-15°C to +70°C
<b>Operating humidity:</b>	0-93% RH, non-condensing
<b>Compass:</b>	Safe Distance 50 cm

ADDITIONAL	
<b>Supplied:</b>	AS350 AIS/VHF Antenna Splitter Unit
<b>Supplied:</b>	VHF Patch lead: 1m with 2x PL259 male connectors AIS Patch lead: 1m with 2x BNC male connectors
<b>Recommended:</b>	Comar AV100, AV300 or AV400 AIS VHF Antennas



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