

## Neon II VHF Antenna Splitter

### Product Type: Standard OEM

The NEON2 Splitter permits an AIS Class B and VHF radio to share a single antenna. Patent pending technology ensures zero performance loss. Small and waterproof the NEON2 Splitter is an ideal AIS transceiver accessory when an existing VHF antenna is available.

- Exceptional active antenna switching performance
- No loss of VHF radio or AIS performance
- Automatic safe mode in the event of power loss
- Low power consumption



Small integrated product, easy to install



Share a single antenna for VHF radio, AIS and FM/DAB radio



Zero loss - no degradation of radio performance

### Branding

Our OEM products are supplied fully branded as per your specific requirements. This includes the product, all manuals and packaging such that upon arrival they are instantly ready for you to ship to your customers.

### Customisation

SRT products offer unmatched capability to be customised for specific applications and markets. Additional features and functions can be specified and implemented and range from the simple to complex encryption and messaging features.

### Certification

This product is fully tested and certified to the relevant international standards and product specifications. As part of the OEM customisation process into your brand, international certification can be transferred into your brand name within a matter of weeks.



## Physical Specification

Dimensions	140 x 100 x 50mm (D x W x H)
Weight	280g

## Electrical Specification

Power supply	12 to 24VDC
Power consumption	150mA @ 12VDC, <2W average

## RF Interfaces

VHF antenna output	SO239 connector
VHF radio input	SO239 connector
AIS input	BNC connector

## RF Performance

Insertion loss	(receive) 0dB (transmit) < 1dB
Power handling	VHF port: 25W AIS port: 12.5W
Operating frequency range	156.000 to 163.425MHz

## User Interfaces

LED indicator for power	✓
LED indicator for VHF transmission	✓
LED indicator for AIS transmission	✓

## Standards Compliance

Environmental standard	IEC60945 Edition 4
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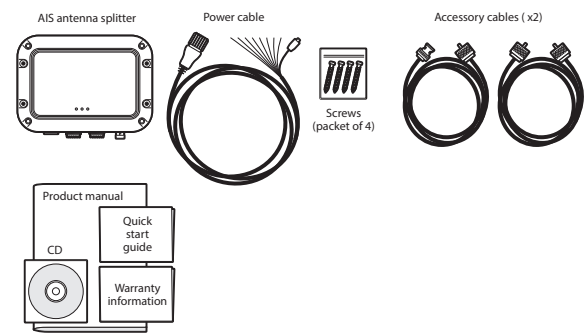
## Environmental

Waterproof	IPx7 rated for water ingress
IEC 60945	'Protected' category
Operating temperature	-15°C to +55°C

## Supplied with

2m power and cable	✓
1m VHF Radio interface cable	✓
1m AIS interface cable	✓
User manual and quick start guide	✓
Fixing screws	✓

## What's In The Box



## Dimensions

