NEON SPLITTER
AIS/VHF Antenna Splitter
Product Type: Standard OEM

CE

The NEON 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 NEON Splitter is an ideal AIS transceiver accessory when an existing VHF antenna is available making installation easier and quicker.

- 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.

CE

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	✔

Environmental

Waterproof	IP67 rated for water ingress
Operating temperature	-15ºC to +55ºC

What's In The Box

AIS Antenna Splitter   Power Cable   Accessory Cables (x2)
Screws (packet of 4)
Product Manual   Quick Start Guide   CD   Warranty Information

Dimensions

128 mm
42 mm
42 mm
100 mm
140 mm
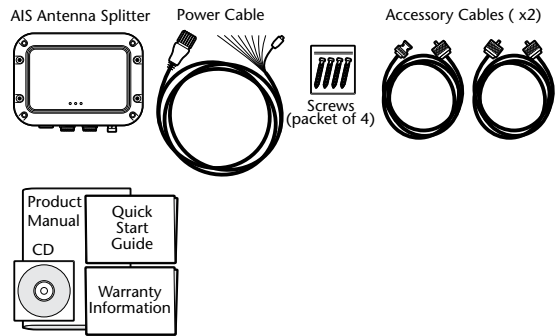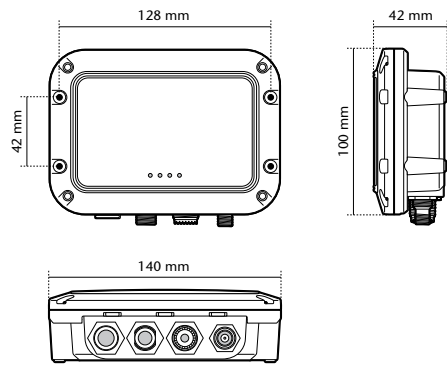
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SRT enhances maritime domain awareness by developing and manufacturing tracking technology and system solutions for individual vessel owners, port authorities, maritime infrastructure owners, coast guards and national security agencies around the globe. Applications include the tracking of commercial and leisure vessels; sustainable fishery; anti-collision; search and rescue; waterway management, port and coast security; pollution management and environmental management.