AIS VHF Splitter

High performance splitter for AIS, VHF and AM/FM

A SPLITTER WITH GAIN, NOT LOSS

A built-in low noise amplifier makes the Vesper Marine antenna splitter uniquely able to improve AIS reception and range by providing signal gain.

Unlike other splitters, there is now no need to compromise on performance when utilizing the convenience of an existing antenna and cabling to install an AIS receiver or transponder.

Ideal for use with low power AIS man overboard devices.

TECHNICAL DATA

RF PERFORMANCE	Frequency Range 156MHz to 163MHz
OPERATING TEMPERATURE	-25°C to +55°C (-13°F to 131°F)
OVERALL SIZE (INCL CONNECTORS)	135mm Long x 107 Wide x 56 Deep (5 5/16" x 4 13/64" x 2 13/64")
VHF / AIS CONNECTORS	SO239 (requires PL259 plug)
AM / FM CONNECTORS	BNC, optional cable available BNC to Motorola plug
POWER SUPPLY	10 - 32 VDC, <0.8W nominal
AIS RECEIVE GAIN	12dB
INSERTION LOSS	VHF RX 1.5dB / VHF TX 1dB / AIS TX 1dB
AIS SENSITIVITY, WITH VESPER MARINE TRANSPONDERS	-119 dBm, 6dB improvement

ENSURING OPTIMAL PERFORMANCE

- Provides amplification to the AIS signal resulting in much higher AIS sensitivity, improving AIS receive range
- 4 convenient status LED's (power, VHF transmit, AIS transmit, antenna quality)
- VHF Fail-safe. VHF radio always has priority and can always transmit even if the power to the splitter fails
- The unique antenna quality LED indicates a problem with the antenna, cable or installation
- Waterproof high quality rugged construction made specifically for marine use
- VHF-in-use indicator appears on the screen of the Watch-Mate 850 and WatchMate Vision whenever the VHF radio is being used. This indicates when AIS traffic is delayed due to antenna use by the VHF radio
- Provides AM/FM radio connection. An optional cable with a standard "Motorola plug" is available to make instal-lation easy. Plugs directly into almost all car or marine stereos
- No adapters or special patch cords needed for VHF and AIS. Uses standard PL-259 patch cables (1 x 2m (6.5ft) cable included)
- 12/24 volts with very low power consumption

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