

AIS-LNA-Switch

AIS-LNA-Switch, VHF, DCS & AIS, 155-165 MHz, 156.525 MHz, 162 MHz
Control Systems, Couplers and Diplexers



Features

- Switch for combining maritime VHF, DCS and AIS on a single VHF antenna
- VHF 155-165 MHz Tx/Rx
DCS 156.525 MHz Rx
AIS 162 MHz Tx
- Simultaneous reception on all three ports
- Built-in LNA with RF band-pass filtering
- Maritime VHF Tx Priority
- Fail-safe relay to maritime VHF
- High isolation
- Low loss
- IP67

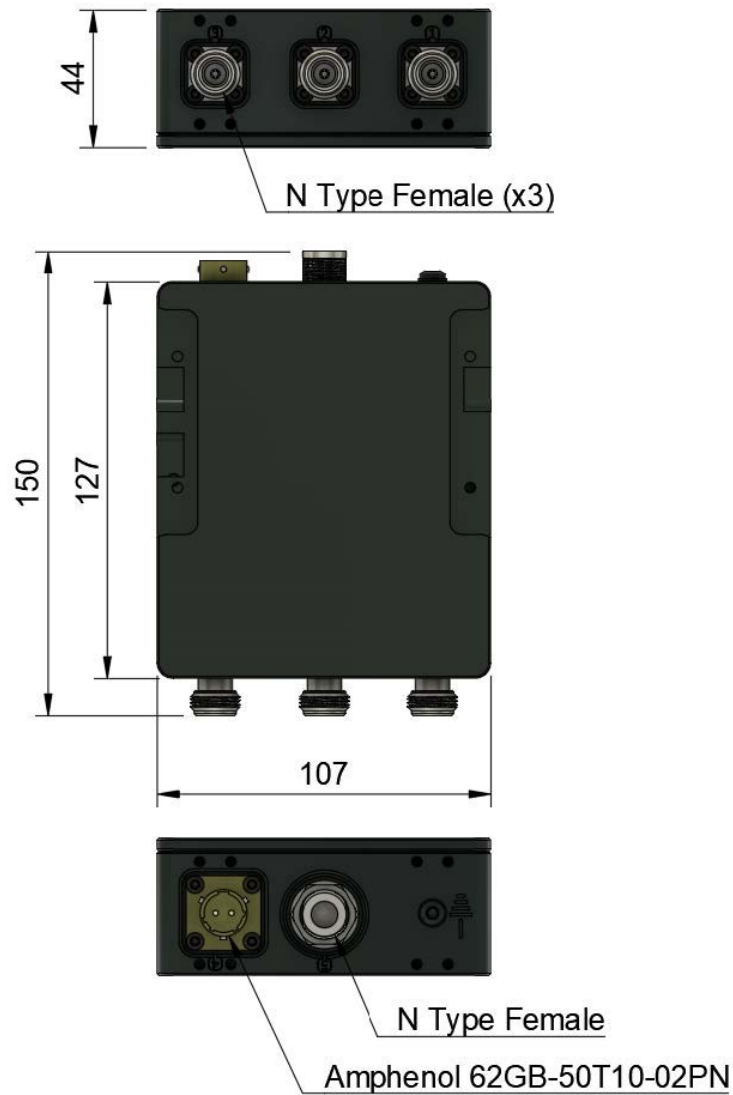
Mechanical Specifications

Design	Aluminium housing
Dimension Housing	127 x 107 x 44 mm
Dimension Overall	150 x 107 x 44 mm
Weight	0.8 kg
Temperature Range	- 55°C to + 71°C

Electrical Specifications

Frequency Range	VHF 155-165MHz DCS 156.525 MHz
VSWR	VHF 1.5:1 DCS Rx only
Nominal Impedance	50 ohm
Power Rating	VHF 25 W DCS Rx only
Rx Gain	10 dB approx.
Tx Loss	< 0.7 dB
Port-to-Port Isolation (typical values)	VHF-AIS 41 dB VHF-DCS 43 dB AIS-VHF 36 dB
Connectors	RF Power N Type Female (x4) Amphenol 62GB-50T10-02PN Switch is supplied with mating Amphenol
Power Supply	15-32 V (10-20 V optional)

Outline Dimensions



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All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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