



Features

- Switch for combining maritime VHF, DSC & AIS on a single VHF antenna
- VHF 155-165 MHz Tx/Rx
DSC 156.525 MHz Rx
AIS 162 MHz Tx/Rx
- 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

Electrical specification

Frequency range	VHF 155-165MHz DSC 156.525 MHz AIS 162 MHz
VSWR	VHF 1.5:1 DSC Rx only AIS 1.5:1
Nominal impedance	50 Ohm
Power rating	VHF 25 W DSC Rx only AIS 12.5 W
Rx gain	10 dB approx.
Tx loss	< 0.7 dB
Port-to-Port Isolation (typical values)	VHF-AIS 41 dB VHF-DSC 43 dB AIS-VHF 36 dB AIS-DSC 42 dB
Connectors	RF N Type Female (x4) Power Amphenol 62GB-50T10-02PN Switch is supplied with mating Amphenol connector 62GB-16F10-02SN.
Power Supply	15-32 V (10-20 V optional)

Mechanical specification

Design	Aluminum housing
Dimensions housing	127 x 107 x 44 mm 4.75 x 4.2 x 1.7 in
Dimension overall	150 x 107 x 44 mm 5.9 x 4.2 x 1.7 in
Weight	0.8 kg (1.7 lbs)
Temperature range	-55°C to +71°C, -67°F to +160°F

Outline Dimensions

