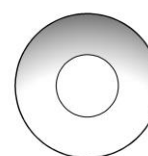
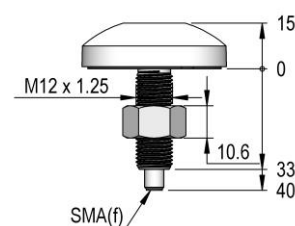
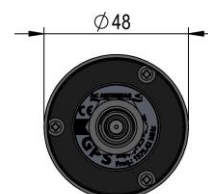


GNSS


Antenna for all four global positioning systems:GPS, Galileo, BeiDou & Glonass

GNSS is a marine and land based antenna for the GPS, Galileo, BeiDou and Glonass frequencies. The GNSS antenna can be installed directly on the deck, it withstands walking pressure, or can be mounted on a rail mount. The GNSS is manufactured in premium quality materials in order to prevent galvanic corrosion.

The antenna is subject for improvement at all times. The antenna has the same rugged design as all other AC Antennas products thus it withstands harsh environmental conditions, both on sea and land.



Electrical specifications

Frequency Center (MHz)	GPS: 1575.420 Galileo: 1575.420 BeiDou: 1561.098 Glonass: 1602.000
Nominal impedance (ohm)	50
Gain (dB)	GPS: 26 Galileo: 25 BaiDou: 23 Glonass: 29
Supply voltage (VDC)	2.5 - 24 
Noise figure (dB)	Typ. 0.9
Antenna gain excl. LNA (dBi)	3
VSWR	GPS: 1574.397-1576.443 <1.8:1 Galileo: 1563.144-1587.696 <2.0:1 BeiDou: 1559.052-1563.144 <2.1:1 Glonass: 1598.0625-1607.0625 <1.7:1
Connector	SMA (female)
DC-shorted	No
DC Grounded	Yes

Mechanical specifications

Length (mm)	Ø48 x 55 (15 above deck)
Weight (kg/lbs)	0.07/0.16
Wind rating (m/s / mph)	55/123
Material	POM, Brass, Stainless steel
Colour	White
Temperature range (°C/°F)	-40 to +70 / -40 to +140
Ingress Protection	IP68

Mounting

No mount included.

