

## MGL-5 DGNSS Antenna datasheet

<b>Trade Name</b>	<b>MGL-5 DGNSS Antenna</b>
<b>SAAB Part number</b>	<b>7000 000-555</b>
<b>Product type</b>	<b>Combined Beacon and GNSS antenna</b>
<b>GNSS Sensor Specifications</b>	
GNSS Reception:	L1 GPS, L1 GLONASS, SBAS, L-Band (OmniSTAR®) and Beacon
GNSS Frequency:	1.575 - 1.606 GHz
LNA Gain:	30 dB
LNA Noise:	<2.0 dB
<b>Beacon Sensor Specifications</b>	
Beacon Frequency:	283.5 - 325 KHz
Beacon LNA Gain:	30 dB
<b>L-Band Sensor Specifications</b>	
L-Band Frequency:	1.525 - 1.585 GHz
L-Band LNA Gain:	30 dB
<b>Power Specifications</b>	
Input Voltage:	5 - 12 VDC
Input Current:	50 - 60 mA
<b>Mechanical Specifications</b>	
Enclosure:	Lexan
Dimensions:	10.4 H cm x 14.5 D cm
Weight:	734.25 g
Mount:	1" Coarse Thread (5/8" adapter available)
RF Connector:	TNC
<b>Environmental Specifications</b>	
Storage Temperature:	-40° C to +85° C
Operating Temperature:	-30° C to +70° C
Enclosure Rating:	IP69K
Shock and Vibration:	EP455
Humidity:	96% Non-Condensing