

## MGA-3 GNSS Antenna datasheet

|                                     |   |
|-------------------------------------|---|
| <b>Trade Name</b>                   | MGA-3 GNSS Antenna                        |
| <b>SAAB Part number</b>             | 7000 000-554                              |
| <b>Product type</b>                 | GNSS antenna                              |
| <b>GNSS Sensor Specifications</b>   |   |
| GNSS Reception:                     | L1 GPS, L1 GLONASS and SBAS               |
| GNSS Frequency:                     | 1.575 - 1.606 GHz                         |
| LNA Gain:                           | 30 dB                                     |
| LNA Noise:                          | 2.0 dB, typical                           |
| <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:                             | 726 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                        |