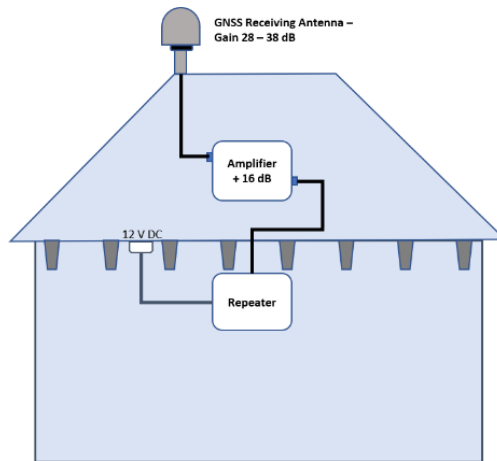




ROGER-GPS Amplifier (GNSS-A-IP67)



The ROGER-GPS Line Amplifier is used to allow for longer cable runs and/or signal splitting to several GPS Repeaters. It has a gain of +16 dB at the GPS L1,L2/GLONASS/GALILEO frequency bands and it includes a filter to remove unwanted signals that may have entered the cable. The GNSS-A-IP67 is enclosed in an IP67 rated housing and it is powered by the Roger™ GNSS Repeater through the coaxial cable and also passes on DC power for the GNSS receiving antenna or any other Roger™ GNSS equipment.



| TECHNICAL SPECIFICATIONS | | |
|--------------------------|---|--|
| Size | 8.66 x 5.82 x 1.53 inches (220 X 148 x 39 mm) | |
| Weight | 12.69 ounce (360 g) | |
| Connectors | TNC-female input and TNC-female output | |
| Operating Temperature | -40 to 167°F (-40 to + 75°C) | |
| Frequency Range | 1,200 – 1,700 MHz | |
| Casing | IP67 | |
| Noise Figure | < 5 dB | |
| Impedance | 50 Ω | |
| Power Supply | None required | The Amp. is powered by the repeater through the coaxial cable. |
| Gain | +16 dB | |

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