

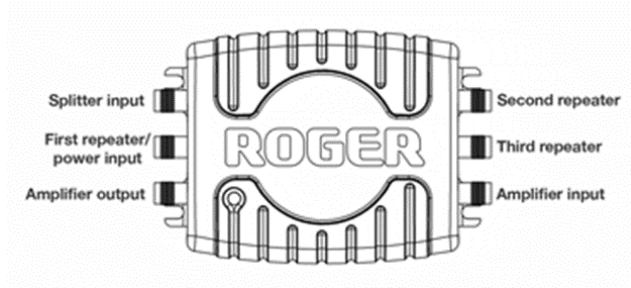
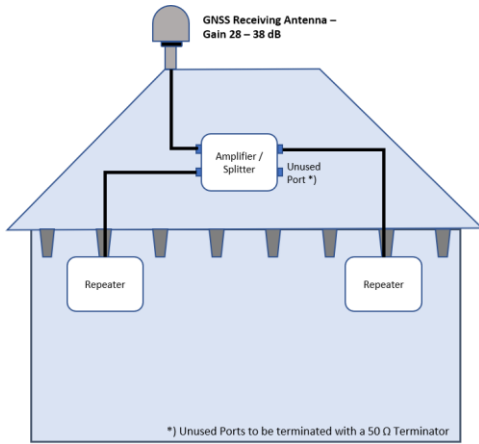


ROGER-GPS Amplifier & Splitter (GNSS-AS)



ROGER-GPS Signal Splitter & Amplifier is a combined signal splitter and line amplifier with an output of +16 dB that can transmit an amplified signal to up to three separate repeater units. The splitter & amplifier is easy to use and permits a wide range of system configurations.

If the signal is to be transmitted to fewer than five or three repeaters, the unused ports should be terminated. Termination should be done with ROGER-GPS Terminator 50 Ohm.



TECHNICAL SPECIFICATIONS		
<i>Amplifier section</i>		
Size	4.33 x 5.63 x 1.10 inches (110 X 143 x 28 mm)	
Weight	6.87 ounce (195 g)	
Connectors	TNC-female input and TNC-female output	1 x +12 dB with amp. And DC pass through, 2 x +4 dB DC blocked
Operating Temperature	-13 to 131°F (-25 to + 55°C)	
Frequency Range	1,200 – 1,700 MHz	
Noise Figure	< 5 dB	
Impedance	50 Ω	
Power Supply	+5 – 14 VDC max 20 mA through coax	The GNSS-AS is powered by the repeater through the coaxial cable.
Gain	+16 dB	
<i>Splitter section</i>		
Connectors	TNC-female input and TNC-female output	1 x -4 dB DC pass through, 2 x -12 dB DC blocked
Power Supply	Not required	DC pass 3 VDC – 24 VDC, max 200 mA
Frequency range	1,200 – 1,700 MHz	

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