

S12 Splitter

The S12 GPS Splitter is a one input two output GPS device. The most common use being the input from an active GPS roof antenna is split to two receiving GPS units. The S12 splitter comes with many available options for your specific needs. Please call, fax, or email us today for further information on product options, specifications, or to receive an easy to use order sheet.



GPS L1/L2 GLONASS Signal Splitter

Available options:

- **Amplified**
- **AC or DC Power Supply**
- **USCG Beacon Compatible**
- **Amplified High Isolation**
- **AC or DC Power Supply with Variable DC Out**
- **Water Proof**
- **DC Power Supply with MIL-C-83513 connector**
- **DC Pwr MIL-C-83513 connector with Variable DC**

PRODUCT DATA

Toll Free: 866-289-4777
Telephone: 719-561-9520
Fax: 719-565-0890

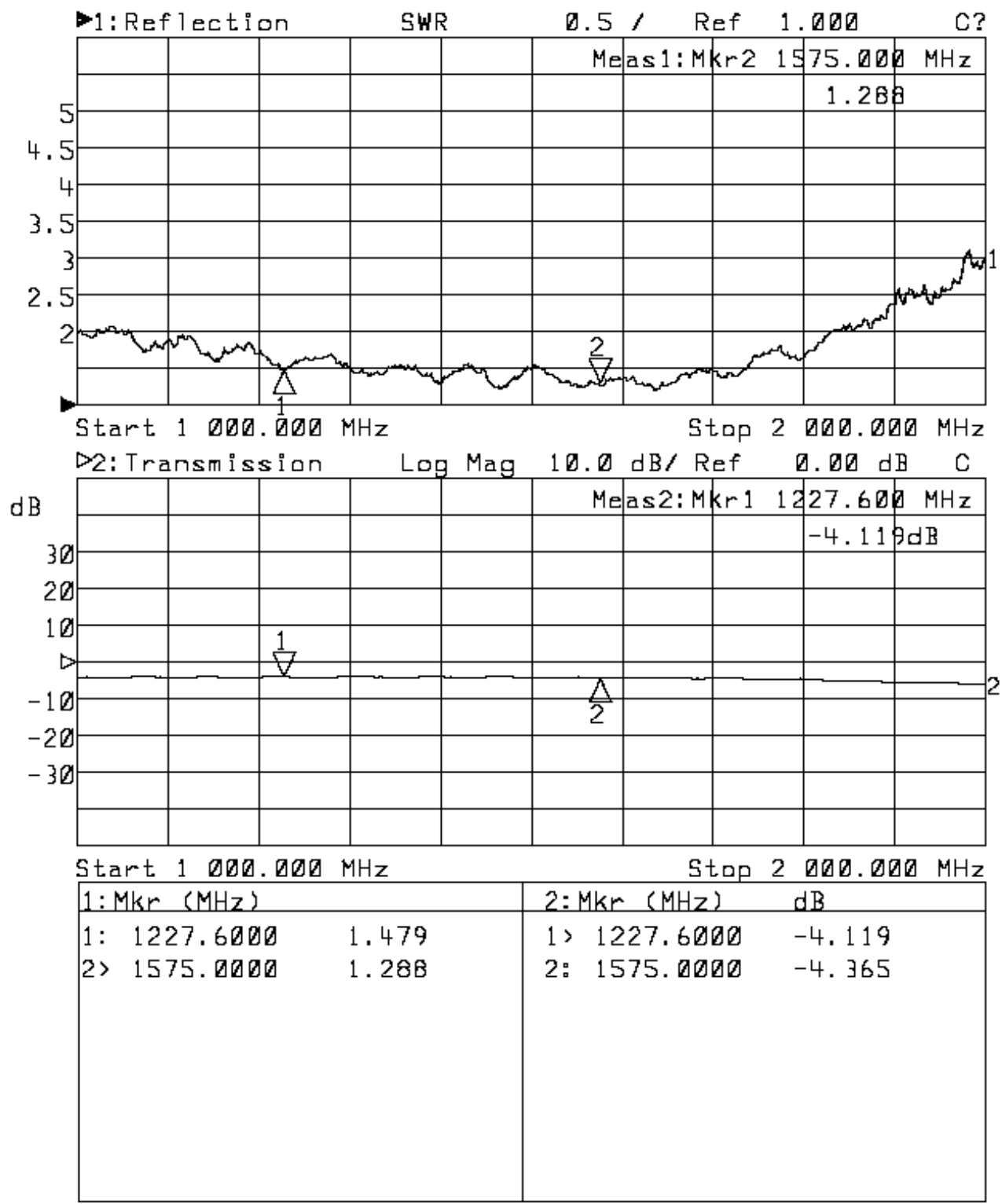
sales@gpssource.com

GPS Source Splitters have more available options which allows you to use our products for all your GPS distribution projects. Our Splitters come with the choice of male/female type N, SMA, TNC, BNC, or any mix of these connectors. Our Splitters work with 3-35 VDC systems and if you need to pass the Beacon frequency with your GPS network, no problem. For more options, better specifications, and quality support, we are your GPS Source.

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S12 Product Data



Electrical Specifications:

- **Frequency response for GPS L1/L2 & GLONASS**
 - 1GHz to 2GHz
 - Flatness less than 2dB
 - Noise figure less than 1.8dB
- **All ports can either pass DC or block DC voltage**
 - 200-ohm load on all DC blocked ports
 - 50 ohm impedance on all ports
 - Input & Output SWR less than 2.0:1
 - Isolation greater than 16dB
- **Amplified Option**
 - Required DC input 3.1 to 15VDC
 - 10dB gain each output port
 - Current draw less than 7mA
- **High Isolation Option**
 - 3dB gain each output port
 - Isolation greater than 20dB
 - Current draw less than 7mA

Mechanical Specifications:

- **Dimension**
 - Length 2.5"
 - Width 2.5"
 - Height 1.25"
 - Base Plate 3.25"x2.5"
- **Operating Temperature**
 - -40 to 75 degrees C