

Navtech Systems GPS Devices

GPS Antenna Splitters and DC injector devices

NTS-SMA-L1 or L1+2) - (Dual Antenna Splitter)

A Dual GPS Splitter (SMA connectivity) – a device that allows one GPS antenna to be used by two independent GPS receivers. The GPS diplexer incorporates a low noise amplifier with optional L1 only or L1 and L2 GPS frequencies distributed by the device. Power for the antenna and amplifier is derived through any input. All inputs are terminated with a 200R load to provide correct antenna current signals to the respective GPS receivers.



NTS-DP1 or 2-(L1.2) - (Dual Antenna Splitter)

A Dual GPS Splitter – a device that allows one GPS antenna to be used by two independent GPS receivers. The GPS diplexer incorporates a low noise amplifier with L1 and L2 GPS frequencies distributed by the device. Power for the antenna and amplifier is derived through any input. All inputs are terminated with a 200R load to provide correct antenna current signals to the respective GPS receivers.



NTS-DP4-(L1.2) - (Quad Antenna Splitter)

A Quad GPS Splitter– a device that allows one GPS antenna to be used by up to four independent GPS receivers. The GPS diplexer incorporates a low noise amplifier with L1 and L2 GPS frequencies distributed by the device. Power for the antenna and amplifier is derived through any input. All inputs are terminated with a 200R load to provide correct antenna current signals to the respective GPS receivers.



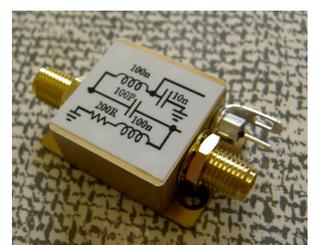
NTS-DP6-(L1.2) - (Hex Antenna Splitter)

A six way GPS Splitter– a device that allows one GPS antenna to be used by up to six independent GPS receivers. The GPS diplexer incorporates a low noise amplifier with L1 and L2 GPS frequencies distributed by the device. Power for the antenna and amplifier is derived through any input. All inputs are terminated with a 200R load to provide correct antenna current signals to the respective GPS receivers. Also available with SMA connectivity.



NTS-GPS-BIAS-T

The GPS-BiasT enables an external dc supply to be inserted into an antenna feed and the RF signal decoupled before passing onward to the GPS receiver. To overcome the receiver detecting a false antenna o/c fault the receiver port is terminated with a 200R resistor, similar to GPS Antenna Splitters. The Bias Tee enables high voltage (+5V) antennas to be used with low voltage (+3v3) GPS receivers. Being a passive device it has no detrimental effect of the GPS receiver performance. Insertion loss is very low and the Bias Tee has a pass band extending above and below the common GPS frequencies.



Navtech Systems Limited

Sulby, Nr. Welford, Northamptonshire. NN6 6EZ. UK.

Telephone: +44 (0)1858 880 857 Fax: +44 (0)1858 880 859

E-mail: sales@navtechsystems.co.uk

Web: www.navtechsystems.co.uk