

GPS Two Port Power Divider

DPD-GPS

19/09//2012 V1

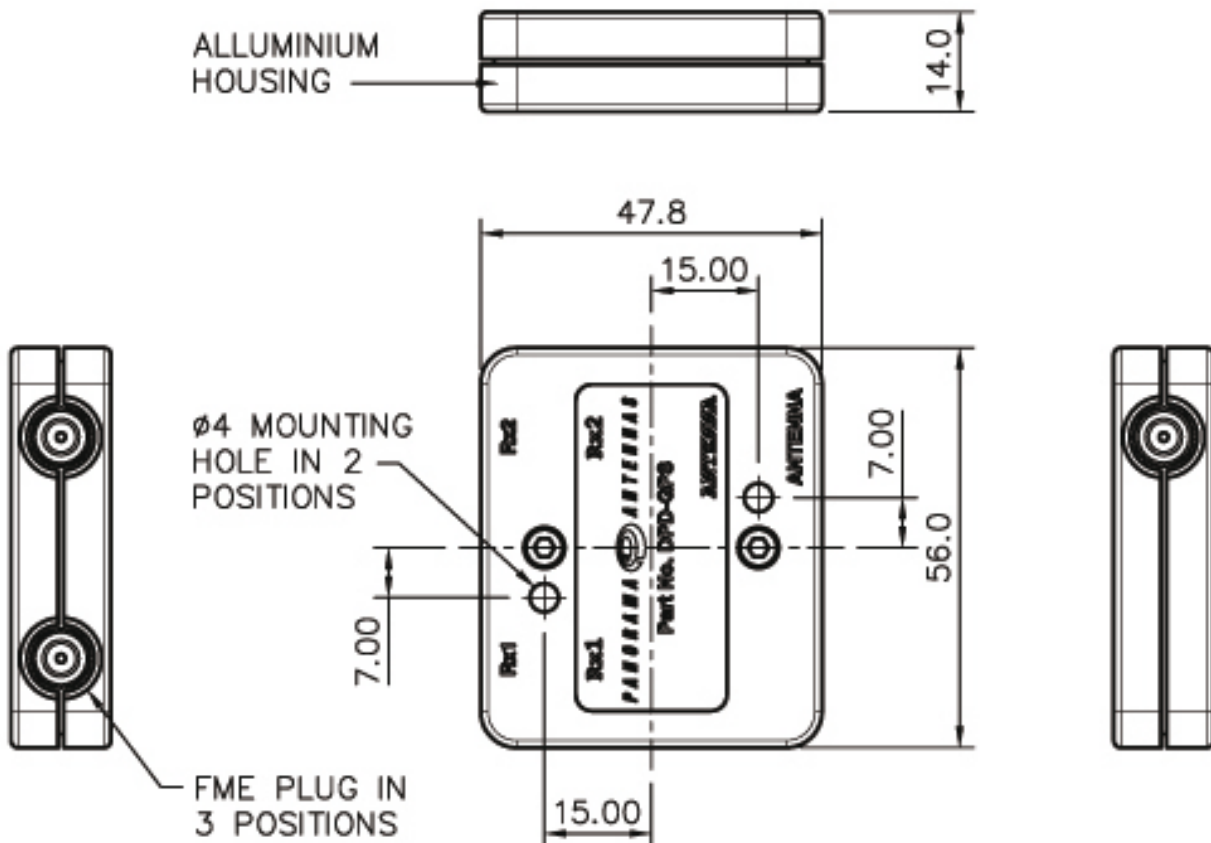


- Reduce installation costs
- Run two GPS receivers from a single antenna

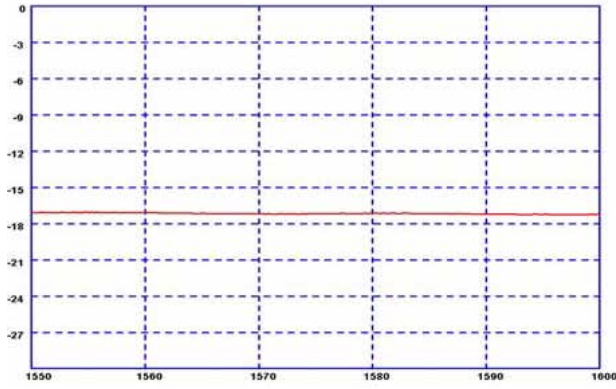
The Panorama DPD-GPS allows you to run two GPS receivers from only a single antenna. The DPD-GPS splits the received signal from the antenna to two receivers while only allowing one of the receivers to feed voltage to the antenna ensuring that the antenna is able to function correctly.

The DPD-GPS is perfect for ensuring that multiple compatible GPS receivers can be used in the same vehicle with the minimum number of antennas thereby reducing clutter and installation costs.

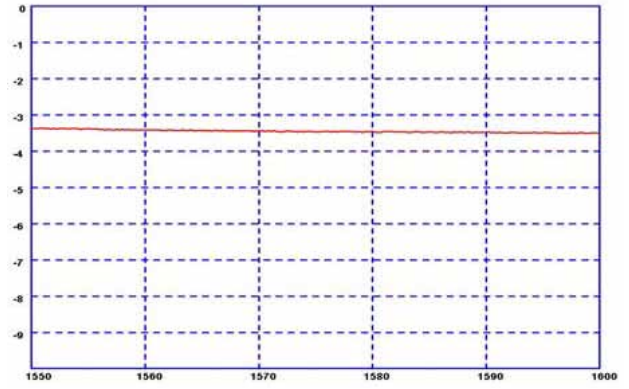
Technical Drawing



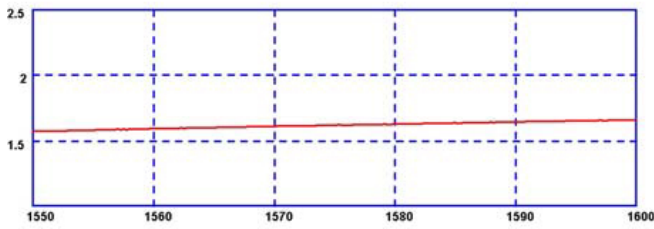
Isolation between GPS ports



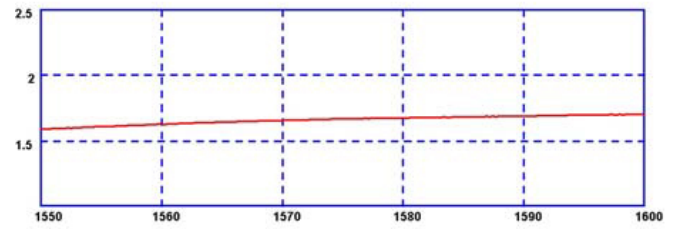
Insertion loss between antenna port to GPS ports



VSWR of GPS ports



VSWR of antenna ports



Part No.

GPS-DPD

GPS Data

Frequency Range (MHz)	1575
Insertion Loss	< 0.5dB
Isolation between GPS ports	> 15dB
Impedance	50Ω
Max input power	1W
DC Feed voltage	Fed via Rx1 Port

Mechanical Data

Dimensions (mm)	Height	14 (5.5")
	Length	47.8 (1.8")
	Width	56 (2.2")
Operating Temp (°C)	-30° / +80°C (-22° / 176°F)	
Material	Aluminium	
Colour	Black	
Connectors	FME plugs on all ports	
DC Feed connector	FME plug	



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