

GPS/GNSS Power Divider

DPD-GPS

PANORAMA ANTENNAS

19/02/2019 v4

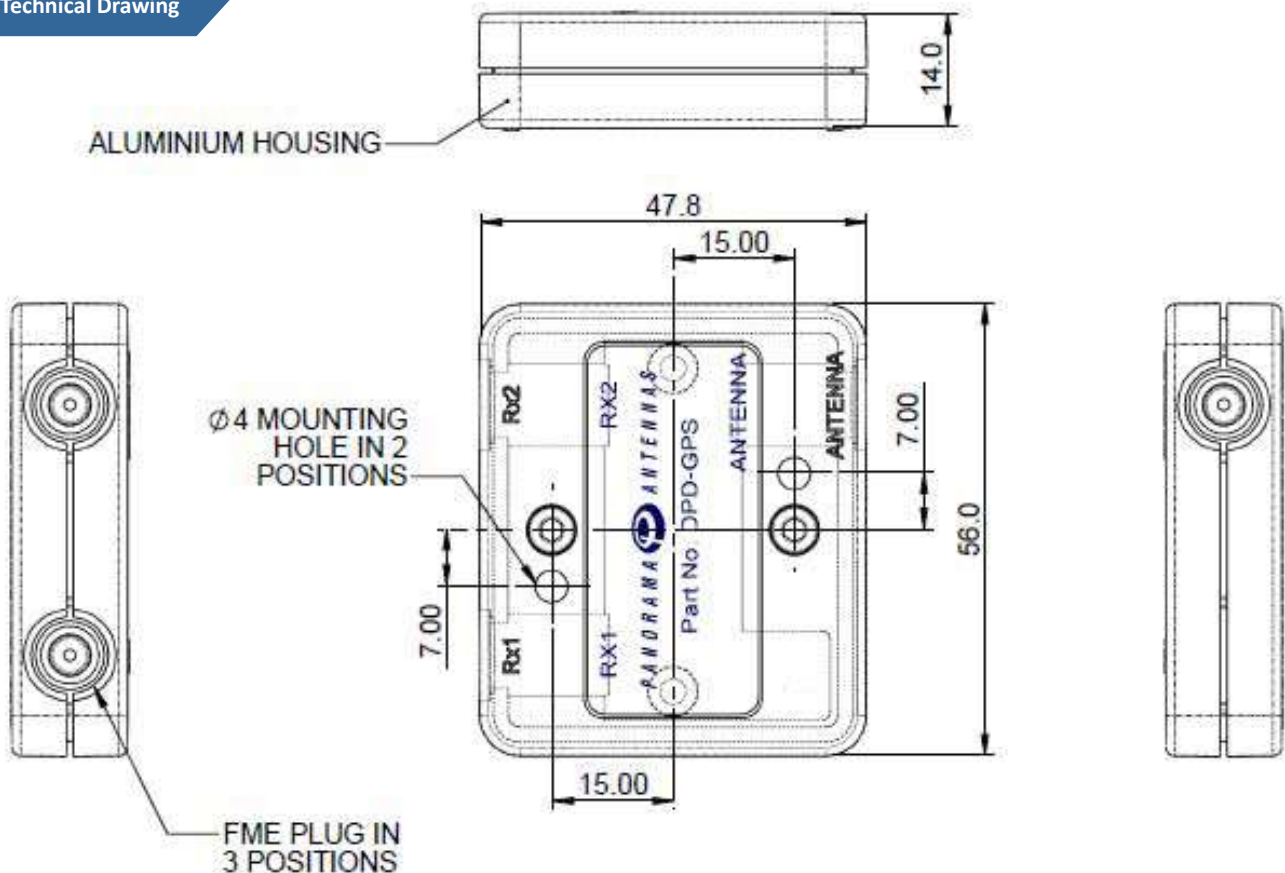


- Reduce installation costs & clutter
- Run two GPS/GNSS receivers from a single antenna
- Supports GPS, GLONASS, Galileo, Compass and Beidou 1562-1612MHz

The Panorama DPD-GPS allows you to run two GPS/GNSS 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, Glonass, Compass, Galileo or Beidou receivers can be used in the same vehicle with the minimum number of antennas thereby reducing clutter and installation costs.

Technical Drawing

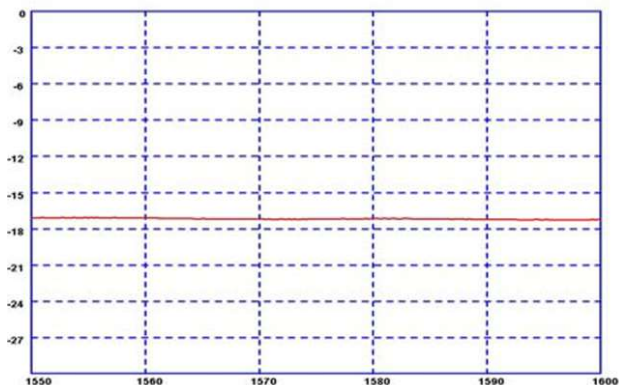


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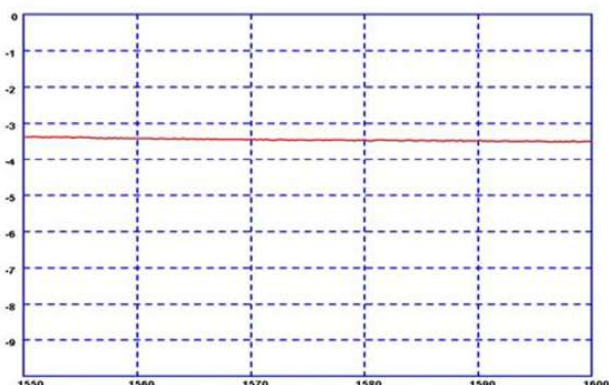
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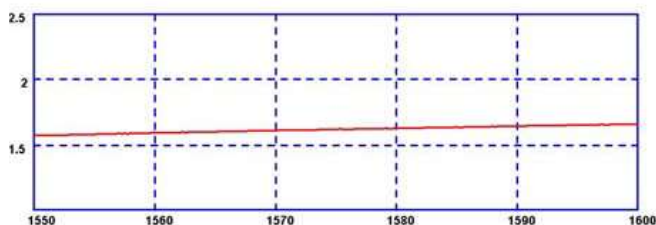
Isolation between GPS/GNSS ports



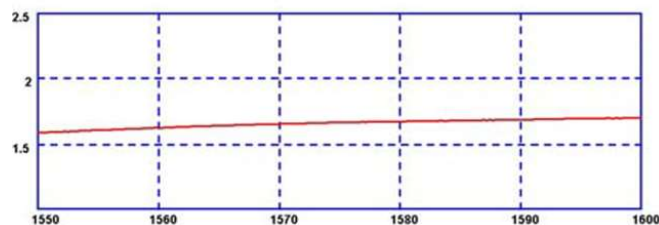
Insertion loss antenna port to GPS/GNSS ports



Typical VSWR of GPS/GNSS ports



Typical VSWR of antenna port



Part No.

DPD-GPS

GPS Data

Frequency Range (MHz)	1562-1612
Insertion Loss	< 0.5dB
Isolation between GPS/GNSS ports	> 15dB
Impedance	50Ω
Max input power (W)	1
DC Feed voltage	Fed via Rx1 Port

Mechanical Data

Dimensions (mm)	Height	14 (0.55")
	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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