

GP-Divider

Product information and specifications
Document version 1.1



GP-Divider 2W SMA

2-way GNSS signal splitter with SMA connectors

Intended to share one GNSS antenna between two receivers



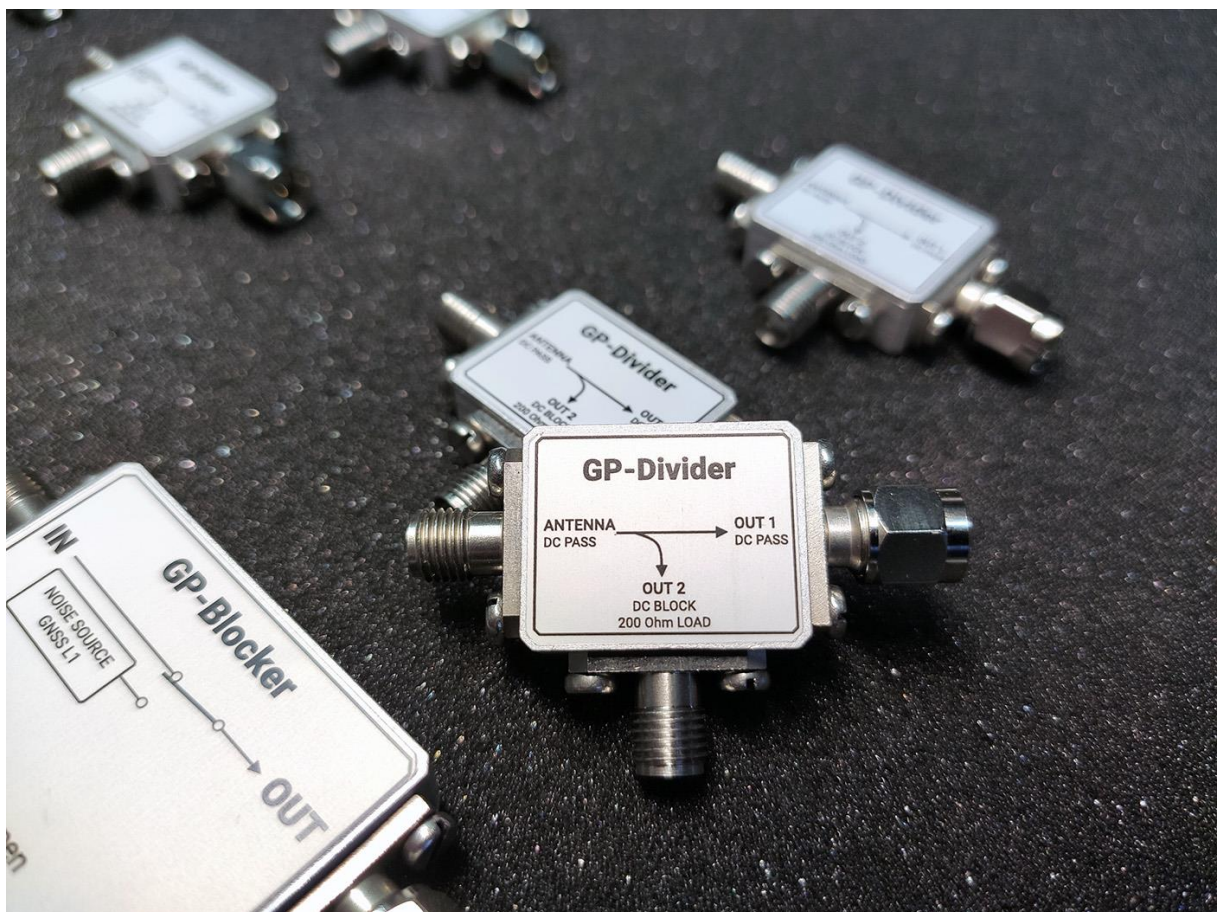
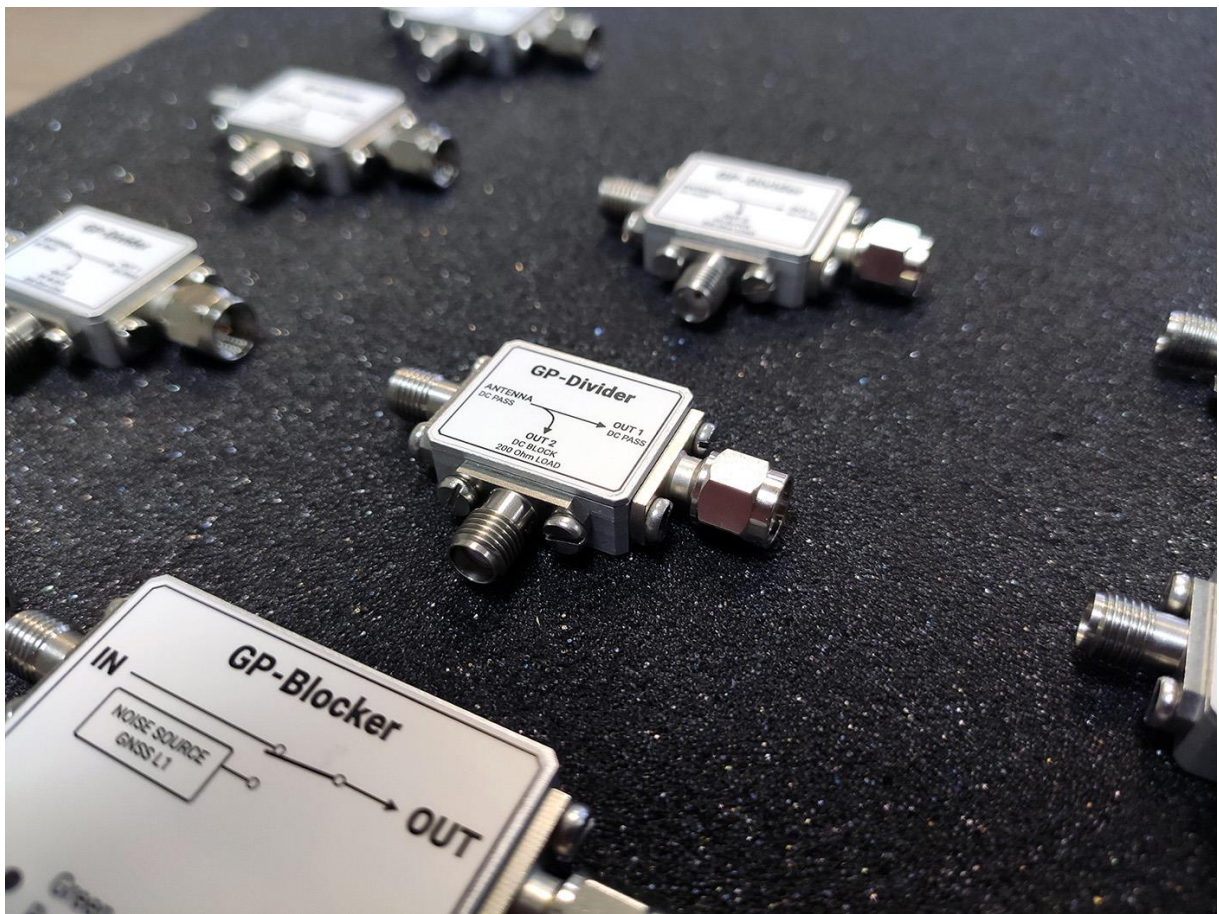
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GP-Divider Specifications

Frequency Range:	1.164 GHz – 1.61 GHz
VSWR:	In: 1.40:1 typ. Out: 1.3:1 typ.
Max RF Input Power:	1.5W
Insertion Loss:	0.7 dB
Isolation:	20 dB typ.
Mechanical	
Housing:	Aluminum, IP20
Size:	46.0 x 28.5 x 8.0 mm
Weight:	40 g
Environmental	
Operational Temperature:	-40°C to +50°C
Storage Temperature:	-50°C ~ +85°C
Humidity:	0% – 95% RH non-condensing @ 40°C
Vibration and Shock:	15g/0.53oz, 11ms half-sine wave
Vibration:	10 – 55 Hz/0.07g, 55 – 500 Hz/1.0g
GNSS Antenna Input/Output	
Connector Input:	SMA(F)
Connector OUT 1:	SMA(M)
Connector OUT 2	SMA(F)
Impedance:	50 Ω
Antenna Bias Voltage:	50 VDC Max Through OUT 1 to Antenna Input
OUT 2 Load	12 VDC Max 330 Ohm resistance load DC blocked

Gallery



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