



ROJ-138-DC is designed for Telecommunication sites where multiple GPS receivers are located and need to be fed from a single antenna. Mounted in a 1 RU standard rack case is an 8 way splitter fitted with internal DC loads that draw 18ma at 5 volts and a single antenna input that supplies a regulated 5 VDC output. The unit is specifically designed for L1 GPS at 1575MHz but can easily covers the L2 band. While this unit is supplied as a passive RF device - it can be supplied with a low noise amplifier producing up to 50dB Gain.

ROJ-138-I is also complete with an integrated GPS receiver using an Ublox timing module for accurate time mark output.

RF specifications

- Antenna Port VSWR 1.5:1 at 1575 +-10MHz
- Output Ports VSWR 1.3:1 at 1575 +- 200MHz
- Split typically 10db down per port.
- Unused ports to be Terminated in 50 Ohms - our code R-404131-750.
- N series connectors Standard.

DC specifications

- Input via Tajimi 8 pin connector SUPPLIED with 2 meter lead.
- Fused DC input 1amp
- Input 8-30 VDC
- Current draw 1 Amp max

UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES (mm) TOLERANCE: LINEAR ±0.1 ANGULAR ±1° REMOVE ALL BURRS AND SHARP EDGES

		ROJONE PTY LTD ABN: 69 002 691 241 81 AERO RD INGLEBURN 2565 S.District, Australia Tel: (012) 9829 1555 Fax: (612) 9805 8812 Web: www.rojone.com.au E-mail: sales@rojone.com.au		TITLE INTERFACE DRAWING FOR 8 WAY GPS DIVIDER WITH GPS RECEIVER ROJ-138-I	
MATERIAL	AS PART	DRAWN	Y. GU	SCALE	1:2
FINISH	AS PART	CHECKED	H. JIA	SHEET	1 OF 1
		APPROVED	B. G.	FILENAME	001002250146ISSA.DWG
					A2