

Single 8-way Active Splitter – GTA5200.8

L-Band (950 – 2150 MHz)



Image for reference only

TECHNICAL DATA

Type No.	1300112
Number of inputs	1
Number of outputs	8
Frequency range	950 – 2150 MHz
Gain [dB]	1 ± 1
Flatness [dB]	+/- 1.0 typ., +/- 1.5 max. +/- 0.5 max. (any 36 MHz)
Noise Figure [dB]	12.0 max.
OPIP3 [dBm]	+12 min., +15 typ.
OPIP2 [dBm]	+25 min., +30 typ.
Isolation [dB]	
Out/out	18 min., 20 typ.
VSWR	
Input	1.5:1 typ., 1.8:1 max.
Output	1.5:1 typ., 1.8:1 max.
Input power [dBm]	
@ 1dB compression	+2 min.
Non-destructive	+8 max.
Impedance [Ω]	75
Connectors	
Input	F female
Output	F female

Power supply	80-264 V AC (47-63 Hz)
Power consumption	<10VA
Temperature range	Indoor use only
Operating	-10 ... +50°C
Storage	-20 ... +60°C
Colour:	Front panel: RAL7021
Attached hardware	Power cord Operating manual
Dimensions (wxhxd)	483mm x 44mm x 360mm (19" drawer, 1U)
Weight	4.5 kg
Features	<ul style="list-style-type: none"> Redundant power supply DC bias for LNB supply (18V / 250mA nom.)

Note: Unused outputs have to be terminated using a 75Ω load in order to comply with the specifications

OPTIONS

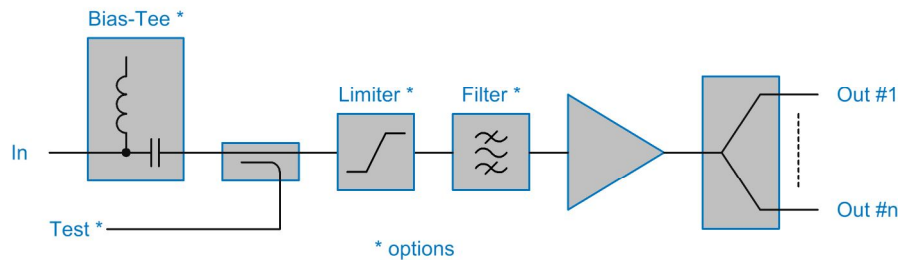
The following options are available:

- Single power supply
- DC power supply
- Mixed power supply (AC and DC)
- Amplifier monitoring



DESCRIPTION

The fundamental application of an active splitter is to enable multiple radio receivers, spectrum analyzers or scanners, to share a common signal source like antennas, signal generators or reference clocks. Any incoming signal will be distributed without loss.



APPLICATIONS

Typical applications are:

- Satellite communication
- Broadcast
- Weather radar
- Civil aviation radar
- Automatic test equipment systems
- Defence

ABOUT US

novotronic is a Germany-based electronics engineering company. **novotronic** specialises in meeting the needs of government and defence, telecommunication, broadcast and aerospace. We have about 25 years experience producing state of the art technology for your applications.

OUR SKILLS

novotronic develops and manufactures technically sophisticated products. As a **certified aerospace and defence company novotronic** operates a quality management system in accordance with ISO 9001:2015 and EN 9100:2018 (equivalent to AS 9100D and JISQ 9100:2016 including ISO 9001:2015).