

Single 8-way RX Multicoupler – 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	90 – 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

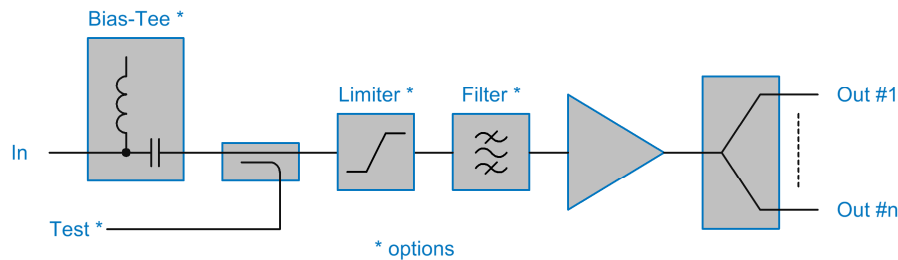
The following options are available:

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



APPLICATIONS

The fundamental application of a receiver (RX) multicoupler 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.



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

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