

单8路RX多路耦合器 – GTA3650.8

ULF/LF/HF (0.001 – 60 MHz)



Image for reference only

TECHNICAL DATA

| | |
|--|----------------------------|
| Type No. | 1300137 |
| Number of inputs | 1 |
| Number of outputs | 8 |
| Frequency range | 0.001 – 60 MHz |
| Gain [dB] | 5 +/- 0.5 |
| Flatness [dB] | +/- 1.0 typ., +/- 1.5 max. |
| Noise Figure [dB] | 8.5 min. (@ 30 MHz) |
| OPIP3 [dBm] | +28 min. |
| OPIP2 [dBm] | +40 min. |
| Isolation [dB] | |
| Out/out | 40dB min. |
| ...Out/in | 50dB min. |
| VSWR | |
| Input | 1.7:1 max. |
| Output | 1.3:1 max. |
| Input power [dBm] @ 1dB compression | +16 typ. |
| Impedance [Ω] | 50 |
| Connectors | |
| Input | BNC female |
| Output | BNC 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 | 4.2 kg |
| Features | <ul style="list-style-type: none"> Redundant power supply |

Note: Unused outputs have to be terminated using a 50 Ω load in order to comply with the specifications

OPTIONS

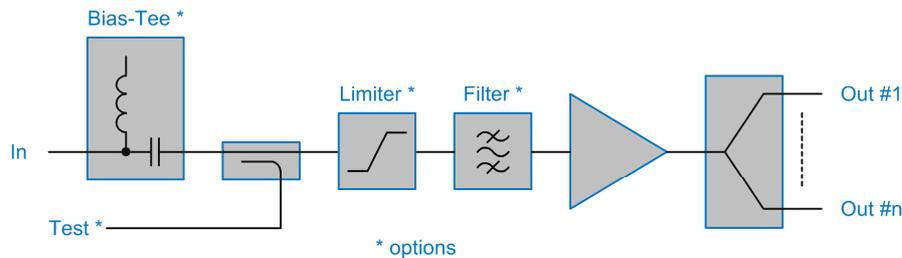
The following options are available:

- Single power supply
- DC power supply
- Mixed power supply (AC and DC)
- Amplifier monitoring
- Test port
- Lightning protection (additional unit)
- EMP protection (additional unit)



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.



DESCRIPTION

The GTA3650.8 is able to process extremely broad band signals. The frequency range starts at 1kHz (VLF) and extends to 60MHz (VHF). The advantage of using the GTA3650 in signal monitoring applications (SIGINT or COMINT) is in the port-to-port isolation. It reduces the possibility of RF interaction between receivers caused by local oscillators or synthesizers.

The GTA3650.8 is a direct replacement for **M/A-COM 409-03 (Cobham)**.

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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