

冗余开关 – GTS7370

L-Band (850 – 2150 MHz)



Picture similar to product

TECHNICAL DATA

Type No.	GTS7370
Number of inputs	1
Number of outputs	1
Configuration	1+1 redundancy Solid state switches
Frequency range	850 – 2150 MHz
Gain [dB]	6 – 37 adjustable in steps of 0.5dB
Flatness [dB]	
Full band	+/- 1.0 max.
36MHz bandwidth	+/- 0.25 max.
Reverse gain [dB]	-40 min.
Noise Figure [dB]	14 typ. @ max gain
VSWR	
Input	1.9:1 typ., 2:1 max.
Output	1.9:1 typ., 2:1 max.
Input power [dBm] @ 1dB compression	+15 min.
Spurious [dBm]	-85 max.
Impedance [Ω]	50
Switching time [ms]	10 max. without CPU time
Connectors	
Input	SMA female
Output	SMA female

Local control	Push buttons, LEDs, 7 segment LED display front panel
Remote control	RJ45 Ethernet port 10/100 Base T. TCP/IP & UDP, GUI (browser interface)
Power supply	80-264 V AC (47-63 Hz)
Power consumption	<10VA
Temperature range	Indoor use only
Operating	-0 ... +50°C
Storage	-10 ... +60°C
Colour:	Front panel: RAL7021
Attached hardware	Power cord Operating manual
Dimensions (wxhxd)	483mm x 44mm x 360mm (19" drawer, 1U)
Weight	< 6kg

Features

- Redundant power supply, hot swap
- Adjustable gain
- Embedded web-server (GUI) with "M&C function" for remote monitoring, switching and gain control
- Signal flow diagram
- Permanent monitoring of temperature

OPTIONS

The following options are available:

- Single power supply
- DC power supply
- SNMP



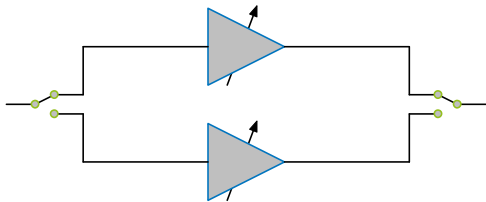
DESCRIPTION

Whenever maximum reliability and system availability are necessary, redundancy units are the first choice. The novotronic switch GTS7370 offers a 1+1 redundancy.

The standard amplifier channel can be switched to a redundancy amp, in case of failure or for test only. Gain can be adjusted in 0.5dB steps. Switching to redundant path always sets the redundant amp to gain of the origin path.

The GTS7370 operates over extended L-band frequency band from 850 MHz to 2150 MHz and is perfectly suitable for a wide variety of RF applications.

The system supports come with Ethernet control interface, allowing setup flexibility and easy remote test management. Also, manual control is possible.



APPLICATIONS

Typical applications are:

- Satellite communication
- Broadcast
- Cable
- Automatic test equipment systems

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).



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