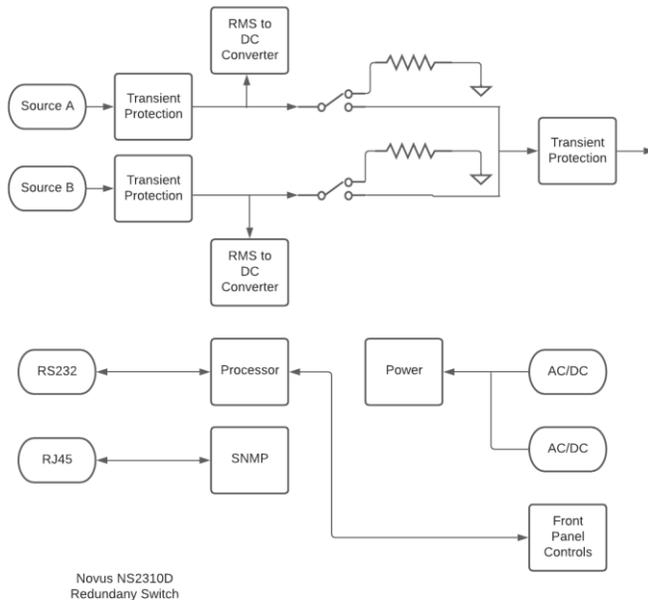


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NS2310D-R

10/5 MHz Redundancy Switch, 10-Channel



High performance redundancy switch operates on a channel-by-channel basis. RMS to DC convertors on each input all channel by channel switching enhancing system redundancy. Channel monitoring available locally or via the RS232 Bus or Internet with SNMP option. All inputs fault and transient protected.

Networking

SNMP option

Low Channel Skewing

Channel skewing below 5 ns

Dual Power Source

AC and DC power options.

Channel by Channel

Individual channel switching

Wide Frequency Range

1 to 10 MHz

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Technical Specifications

Switch Isolation	> 50 dB
Insertion Loss	< 1.5 dB
1 dB Compression Point	< 20 dBm
VSWR	< 1.50:1
Frequency Range	1 to 10 MHz
Remote interface & control	
Protocol	RS232 NMEA-0183
Connector	DB-9
Location	Rear panel
Protocol	Bit plus stop
Standard Baud Rates	Selectable 4800, 9600, 19200, 38400, 57600 or 115200 bps
SNMP (option)	
Remote monitoring & control	Internet
Parameters monitored Locally – present on remote interface for monitoring	Output amplitude, all power supplies, Built-In test status.
Transaction/decodable commands	English format
Single monitoring command	Updated every second
Connector	RJ-45
Front Panel Display	Four-line display, output status, input pulse amplitude and pulse width
Connectors	SMA
Power	
AC	Global AC power 90 to 250 VAC, 50/60Hz, less than 10 Watts
DC	Optional DC power – primary or back-up -60 Vdc to +60 Vdc

Environmental and Mechanical

Operating Temperature	0 to 50°C non-condensing
Storage Temperature	-40 to 70°C
Height	1RU (~1.73")
Width	19.0"
Depth	12.0"
Weight	≈5.5 lbs.
AC Input	90 to 250 Vac, 50/60Hz, less than 10 Watts (DC power options available)

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