

GRIFFIN Redundancy Switch Chassis

Compatible with RF, ASI & optical switch modules

ETL's Griffin Redundancy Switch offers total flexibility in managing RF, ASI & optical signals. The modular design comprises a 1U chassis with 2 module slots. The chassis features dual redundant PSUs and hot-swap switch modules.

Different modules can be fitted dependent on application, which can be switched independently (individual mode) or together (simultaneous mode). Switching may be triggered by front panel, RF level detection, alarm contacts, pulsed voltage or NMS.

When operating in Auto mode, modules with RF level detection will switch from main to standby on detection of a fault on the main. Switch back to the main path is configurable. The default setting is for the unit to latch to the standby path and not automatically switch back to the main path if the RF signal is restored.

Compact

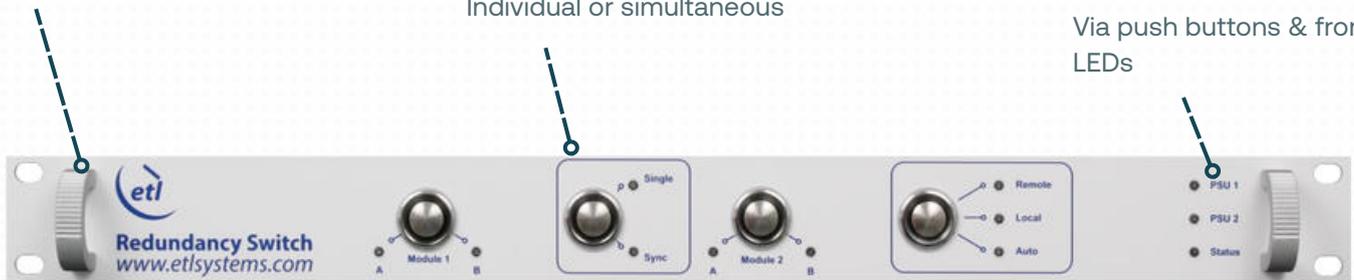
1U chassis which can house 2x switch modules

Choice of switching modes

Individual or simultaneous

Local control & monitoring

Via push buttons & front panel LEDs



Flexible module configurations

Choose from a mixture of switch modules with different operating frequencies

Remote control & monitoring

via RJ45 Ethernet port with SNMP & web browser interface & RS232/485 serial port

Resilience

From dual redundant power supplies & hot-swap modules



RF Parameters		
Model Number	GRF-C900-1U	GRF-C910-1U
Capacity	Up to 2 switch modules	Up to 2 switch modules Can only use GRF-200 and GRF-201 modules
Input & Output Ports	Dependent upon modules	
System Control		
Local Control	Via front panel push buttons & LEDs	
Switch Control Mode	Remote, local (via front panel), and automatic	Remote and local (via front panel)
Remote Control & Monitoring	Via RS232/RS485, RJ45 Ethernet and web browser interface	Switches on receipt of a +24VDC pulse and sends out feedback via dry contact relay closure. Also controlled via RJ45 Ethernet and web browser interface
External Dry Contact Ports	Sub-D 9 (female): Digital Interface Connector	
Display	LEDs, for PSU status, alarm, mode/switch status	
Alarms	Summary: Change-over dry contact—Rear mounted D-type	
PSU	Dual redundant	
Power		
AC Power	85-264V AC (50/60Hz)	
IEC	Dual	
Physical & Environmental		
Operating Temperature	0 to 45°C	
Storage Temperature	-20°C to +75°C	
Location	Indoor use only	
Humidity	20 to 90% non-condensing	
Dimensions	1U x 450 mm deep x 19 " wide	
Weight	5 kg (fully populated)	
Front Panel Colour	White 00-E-55 (Semi-Gloss)	

Please see individual datasheets for Griffin redundancy switch module options and RF specifications.

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

Note 3: Switch functionality is determined by modules in use.