## S-band Latching Redundancy Switch Low insertion loss, $500-3150 \mathrm{MHz}$

## Typical applications:

- Teleports \& Earth Stations
- Satellite Operations
- Government \& Defence applications
- Telemetry, Tracking \& Command
- High Resilience applications

SWF-G2S-S6-118-xxxx is a hot swap, S-band latching redundancy (SPDT) switch operating over 500 to 3150 MHz and -45 to -5 dBm mean power. The module incorporates RF detection at each of its input ports and switches over if the level differs by more than 4 to 20 dB , customer settable. In order to minimise switching operations the switch will maintain the new path if the first path is restored. The first path can be selected manually via the web interface if required. It can be used to operate with optical receivers from the StingRay Genus 2 U or outdoor chassis.


## Chassis Options



Local control \& monitoring via
HMI high resolution touchscreen
Resilience from dual redundant hot
-swap power supplies \& field
replaceable CPU \& HMI
Compact indoor \& outdoor
chassis options, which can be part populated

Secure protocols with SNMPv3


Indoor Chassis

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

Field replaceable Internal 10MHz reference source and external reference inject port with auto detection (optional)


Outdoor Unit

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New technologies SWF-G2S-S6-118-xxxx
in RF distribution

Preliminary Technical Specifications and Operating Parameters


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.

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