



Hot-swap RF over Fiber Link

Rover **ROF** Series

Indoor & Outdoor



For over 48 years Rover has been designing and manufacturing products for the distribution and monitoring of signals for Broadcasters, Sat Teleports & Operators, Oil & Gas, Defense & Marine.

Thanks to new technologies and experience developed in the RF over Fiber field, well as in CATV, we have decided to develop products that can meet the current needs of the market relevant to the transport of SAT signals over Fiber.

The ROF allows the transmission and / or reception of up to 20 L-Band signals in a single device, keeping the parameters monitored via the web, SNMP or locally thanks to the local display and keyboard. It as the possibility to send trap and memorize logger also in local.

Available in three versions, this product adapts to any environmental need.



ROF 8

-1 unit rack up to 8 TX/RX modules

-Double redundant PSU



ROF 20 IU

- 2 units rack up to 20 TX/RX Modules
- Double redundant PSU



ROF 20 OU

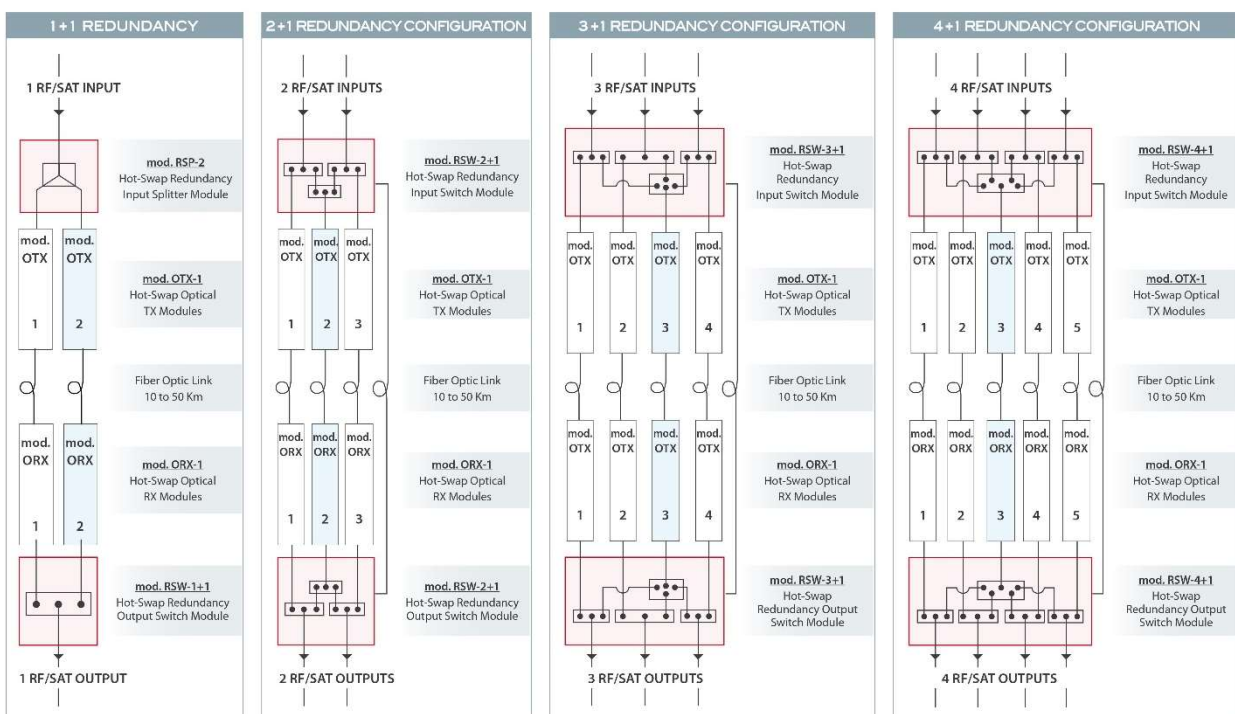
- Outdoor unit waterproof
- Up to 20 TX/RX Modules
- Double redundant PSU
- Heating & Cooling module with Control
- Interior light
- Frontal patch panel

Redundant & Safe

Each of the ROF configurations can be ordered with mixed RX or TX modules based on the number required.

In addition, we offer the possibility of installing automatic redundancy modules 1+1, 2+1, 3+1 or 4+1 to guarantee the service even in case of malfunction or absence of signal.

Below we schematize the signal flow for the various redundancy configurations.



Modular & Smart

All modules are hot-Plug-swappable and intelligent.

Each module has a microprocessor that manages all the memory, settings and measures, a copy of all parameters are also stored in the MAIN Rack Controller module memory.



This allows each module to work standalone, even if the Controller is faulty and will restore the data and settings to an eventually replaced TX/RX module.

OEM

All modules and available Rover technology (PSU, Controllers, Optical TX and RX, RF Splitters, Demodulator boards, Monitoring Boards, ASI analyser boards and more) is accessible to satisfy any OEM enquiry for custom projects.

Contact us

Please contact us for more information

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www.roverinstruments.com