

PROFESSIONAL & RELIABLE RF over FIBER LINK

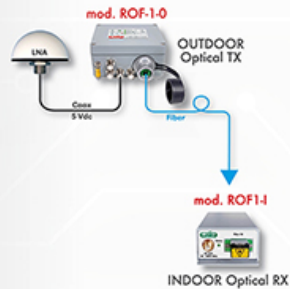
From 3 to 90 Km or more, with 1+1 or 4+1 Redundancy • 5 Years Warranty

GPS over FIBER

GPS/GNSS Timing distribution

mod. ROF-1-0

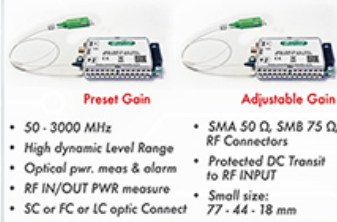
Support all GPS, GLONASS, GALILEO & BEIDU band.
Designed for (NTP) Network Time Protocol Server, requiring extremely accurate time Synchronisation.



OEM Optical Module

for Wireless Camera & Mic.

mod. OEM1



mod. OEM2



Dual RF over FIBER LINK

mod. ROF2P-TT



mod. ROF2A-TT



- 50 - 3000 MHz
- High Dynamic Level Range
- 2 TX or 2 RX or 1 TX & 1 RX, module
- LNB powering 13-18 Vdc & 22 KHz
- Optical pwr measure & alarms
- RF IN-OUT power measure
- Opt. 2 Ways RF splitter on board
- Opt. 1310 / 1550 nm MUX/DEMUX
- SC or FC or LC optical Connectors
- SMA 50 Ω or F 75 Ω RF Connector
- Opt. redundant PSU
- Dustproof module enclosure

SAT L-BAND RF over FIBER

Indoor RF over Fiber Links

10/50 - 3000 MHz Extended Band for L-Band, GPS, Broadcast

mod. ROF 8



mod. ROF 20



mod. ROF 16



- MGC or AGC or Autoranging gain control
- Low RF noise & High linearity
- All modules are Hot-Swappable
- RF and Optical measures & Alarms
- 1+1 or 2+1 or 4+1 on board Redundancy
- LNB powering 13 - 18 Vdc, 22 KHz pulse
- 1310 or 1550 nm or CWDM & DWDM
- On board 4 or 8 ways CWDM Optical Mux/Demux
- SNMP & WEB configuration & management
- Up to 60 Km Fiber

Outdoor RF over Fiber Links

mod. ROF 4



- 10 or 50 - 3000 MHz
- Low noise High Linearity
- LNB powering 13 - 18 Vdc, 22 KHz
- 1310 - 1550 nm or CWDM
- On board 4 ways Optical MUX

2 WAYS VSAT over FIBER

mod. ROF 4V



- 10 & 50 - 3000 MHz
- Low Noise High Linearity
- BUC powering 24 Vdc 3A
- LNB powering 13 - 18 Vdc, 22 KHz
- On board 4 Ways Optical MUX
- Ethernet LAN, RJ45 & Fiber
- SNMP & WEB Control

RF over IP

No Link distance limitations

Cloud based RF

Dual L-Band over IP Converter

new

mod. ROI - 2



- 950 - 2150 MHz
- No SNR degradation
- 8 to 16 Bit selectable Sampling
- Delay adjustment
- QSFP Interface
- 2 slots in 1U Rack



RF L-BAND SAT DISTRIBUTION & MONITORING

Professional & Reliable equipment for Satellite Communications • 5 Years Warranty

L-Band MATRIX ROUTER

64 x 64 Fan Out Matrix 4U Rack

mod. FOM - 64 x 64



- 900 - 2250 MHz
- BY1 or BY4 Cross Point Settings
- 35 dB IN/OUT Adjustable Gain
- IN-OUT PWR Measur & Alarms
- Available LNB powering
- 10" Local Touch Display
- WEB & SNMP Control
- F or BNC 75 Ω RF Connectors

32 x 32 Fan-Out Matrix 2U Rack

mod. FOM - 32 x 32



- 900 - 2250 MHz
- BY1 or BY4 Cross Point Settings
- 35 dB IN/OUT Adjustable Gain
- IN-OUT PWR Measur & Alarms
- Available LNB powering
- 7" Local Touch Display
- WEB & SNMP Control
- F or BNC 75 Ω RF Connectors

16 x 16 Fan-Out Matrix 1U Rack

mod. FOM - 16 x 16



- 900 - 2250 MHz
- BY1 or BY4 Cross Point Settings
- 35 dB IN/OUT Adjustable Gain
- IN-OUT PWR Measur & Alarms
- Available LNB powering
- WEB & SNMP Control
- F or BNC 75 Ω RF Connectors

SPLITTER & COMBINER

Active Splitters for L-Band & GPS

mod. RAS 1 - RAS 2 - RAS 3



WEB SNMP
PLUG-IN

- 50 - 3000 MHz or 950 - 3000 MHz
- 1 to 4 Inputs, 4 to 32 Outputs
- Meets OIP3, RL & Flatness strict specifications
- F-BNC-SMA connectors available, 75 or 50 Ω
- LNB feeding, Short Circuit protected
- Hot swap redundant PSU & Alarms

RF Components for L-Band & GPS

L-Band RF Splitters/Combiners & Line Amplifiers

ACTIVE & PASSIVE VERSION AVAILABLE



- 900 - 3000 MHz
- DC pass option
- 10 MHz pass option
- N or SMA or BNC 50 Ω connectors
- BNC or F 75 Ω connectors
- Indoor or Outdoor version

SAT MONITOR & INSTRUMENTS

SATELLITE Transponder Monitoring System

mod. STM - 24

For GEO-MEO-LEO, UP & DOWN LINKS



- Simultaneous Monitoring of 24 Transponders
- HW & SW Fully Integrated in 1U Rack
- Up to N. 8 Extended L-Band RF INPUTS
- Up to 8 DVB-S-S2X Demod. for MER-BER-PER Meas.
- RF out with 24 selected transponders deployed for external ETR 100 - 290 Transport Stream Analysis

Broadcast - Instruments

mod. EXA 700 TAB

MULTI-STANDARD
BROADCAST ANALYZER

FM RADIO - DAB+ - DVB-T2-S2X - FIBER - GPS



Analyzer Probe

mod. EXA PROBE

TV & RD, CATV & SAT
ANALYZER for TV, SAT, DAB+, IP, FIBER OPTIC, GPS,
T.S. ANALYZER, ON BOARD WEB SERVER

