Connectivity solutions that ensure safety and operational efficiency without the premium.



**Fiber Optic WDM Modules** 



Active and passive fiber optical modules, from wavelength division multiplexing, splitters / couplers, receive / transmit optical subassemblies to complete optical transport solutions- all specifically designed for harsh environments wherein extreme pressure, vibration and extended temperature ranges can compromise the integrity and performance of conventional cables.

## **RF-Over-Fiber**



End-to-end RFoF hybrid solutions with single mode, simplex and duplex configurations perfect for harsh environments. A wide range of interconnectivity options delivers superior flexibility while superior system scalability provides unlimited RF connectivity density.

GPS-Over-Fiber Time Synchronization



GPSoF modules distribute single GPS signals into multiple receiver systems, with signal data from separate yet connected systems always staying the same. Standard GPSoF systems include single and multiport solutions and accommodate both L1 and L2 bands. With just a single antenna for all systems that doesn't need power, they maximise space, improve efficiency & reach and reduce costs.

## H3RO Fiber Optic Splicing



The H3RO Bot is an IP68 rated harsh environment industrial FO break out terminal. Manufactured to the highest standards utilising robust materials, the Bots are available in a range of configurations for Ethernet and PON applications. H3RO Bots reduce the cost, complexity and physical footprint of network installations.



**Optical Switching** 

The analogue nature of RF-over-Fiber requires a switching infrastructure that does not degrade the RF signal. The ultra-reliable POLATIS® is a highperformance, all-optical switch with ultra-stable operation as well as low back reflections and low insertion loss.

## SENCITY® Special Communication Antennas



Our new rugged and flat Omnidirectional antenna ideal for installation on outdoor cabinets, containers and devices. Supports operation critical communications with TETRA, LTE 410 / 450 or 700 with 2 radiators plus 2G/3G/4G/5G cellular bands. Designed for low profile housing, it enables single hole mounting and easy cabling feedthrough.

## **HUBER+SUHNER**



HUBER+SUHNER AG Degersheimerstrasse 14 9100 Herisau Switzerland Telefon +41 71 353 41 11 hubersuhner.com info@hubersuhner.com HUBER+SUHNER is certified according to EN(AS) 9100, ISO 9001, ISO 14001, ISO/TS 16949 and IRIS. **Waiver**: The facts and figures provided herein are for information only and do not represent any warranty of any kind.

