

RF over Fiber Subsystems for Outdoors



Key Features:

- Any frequency from 0.1 MHz to 40GHz
- Waterproof power & data connector
- Remote Management SNMP/HTML
- MPO Optical connector

Applications:

- Remote Antenna
- Satcom
- Radio telescopes
- Telecommunication

RFOptic's outdoor enclosures can support RFoF modules up to 6GHz and/or RFoF modules up to 40GHz or mix in IP-54 rate outdoor. The outdoor enclosure can interface to RFoF modules (Tx or Rx) which are installed in another outdoor enclosure, indoor enclosure, or stand-alone unit. Furthermore, mixed links of low and high frequencies can be accommodated on the same link.

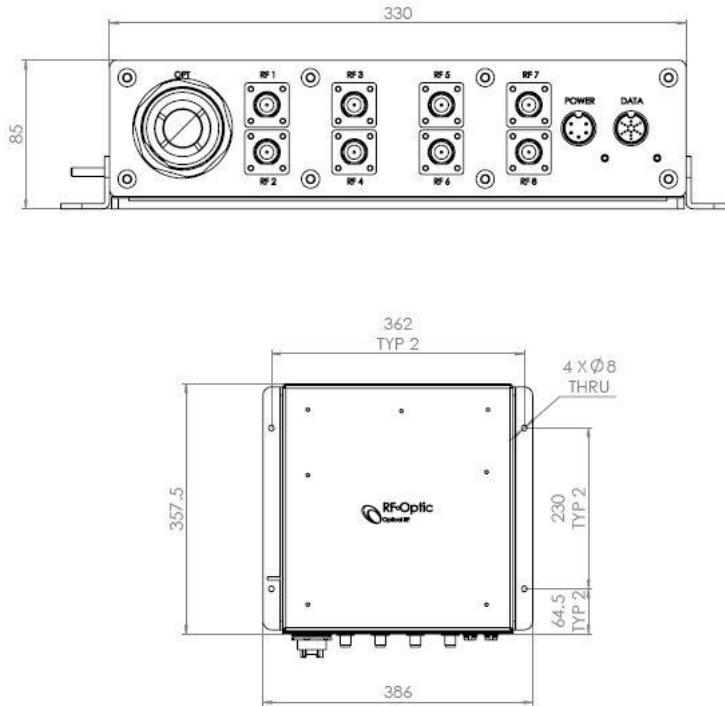
The outdoor solution incorporates a robust metal enclosure as well as N-type RF connectors, waterproof power and data connector, and the optical connector. The system can carry up to 4 RFoF programmable modules or 2 high-frequency RFoF modules in small outdoor RFoF or up to 8 RFoF programmable or 4 RFoF High frequency modules. The optical connection is done by multi-fiber connector. In addition, RFOptic offers, as a default, a SNMP/HTML management system where the data interface is done through an RJ-45 connector.

RFOptic also offers a remote management solution for outdoor installations where it is impossible to connect a data cable.

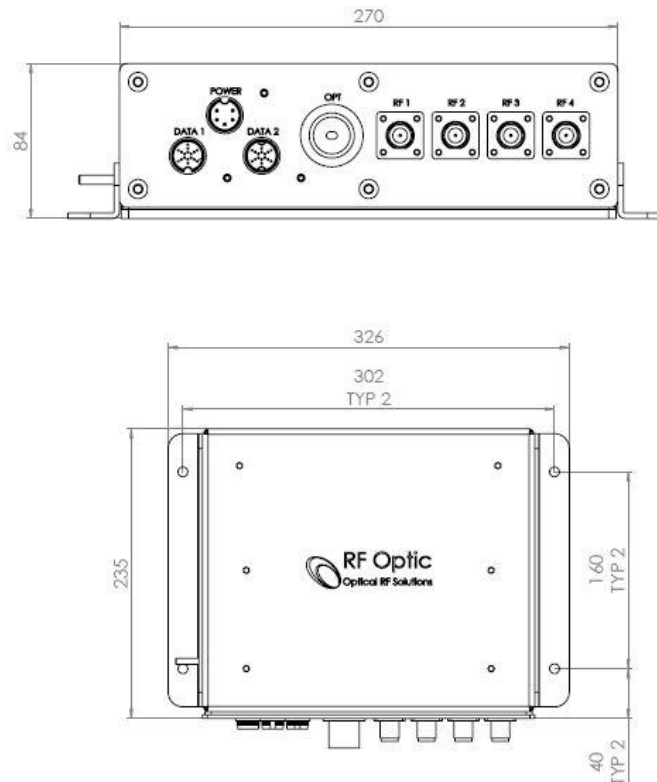
The solution is done through an IFL link utilizing an optical connector.

Typical outdoor applications include telecommunication, radar, satellite, remote antenna, and radio telescopes that can be located many kilometers away in harsh environments such as Antarctica.

Outdoor Enclosure (Big)



Outdoor Enclosure (Small)



Ordering Information:

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| RFoF-Outdoor BM-8 | Big Outdoor Enclosure: with Mux, HUB, N type, MPO , PS 28 to 5VDC, up to 8 Low Freq. Tx/Rx units or up to 4 HSFDR Tx/RX |
| RFoF-Outdoor SM-4 | Small Outdoor Enclosure: with Mux, HUB, N type, MPO , up to 4 Low Freq. Tx/Rx units or up to 2 HSFDR Tx/RX |