

RF over Fiber Subsystems for Outdoors



Key Features:

- Best Cost Performance
- Frequency Range:
8GHz, 15GHz, 18GHz, 20GHz, 40GHz
- Excellent Gain flatness
- Accommodates RFoF Tx / Rx units
- Easy maintenance and replacement
- Waterproof power & data connector
- More than 25 Km fiber distance
- Remote Management SNMP/HTML

Applications:

- Remote Antenna
- Satcom
- Radio telescopes
- Telecommunication

RFOptic's outdoor enclosures can support both RFoF modules up to 6GHz or RFoF modules up to 40GHz or mix in IP-65 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.

The outdoor solution incorporates a metal robust 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 module 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 IP-67/68 rate. In addition RFOptic offer as a default a management system SNMP/HTML where the data interface is done through RJ-45 connector.

In addition RFOptic offers remote management solution for outdoor installations where impossible to connect a data cable.

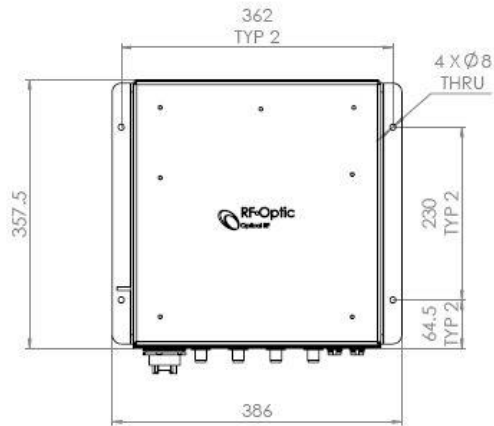
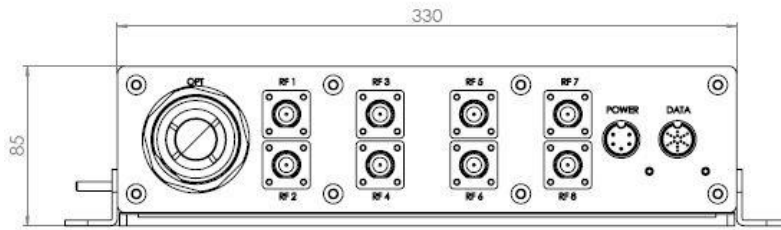
The solution is done through IFL link utilizing optical connector.

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.

Ordering Information:

RFoF-Outdoor-BQ-8	Big Outdoor Enclosure: with Mux, HUB, N type, QPC QLink, PS 28 to 5VDC, up to 8 Low Freq. Tx/Rx units
RFoF-Outdoor-SQ-4	Small Outdoor Enclosure: with Mux, HUB, N type, QPC , up to 4 Low Freq. Tx/Rx units
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
RFoF-Outdoor SM-4	Small Outdoor Enclosure: with Mux, HUB, N type, MPO , up to 4 Low Freq. Tx/Rx units

Outdoor Enclosure (Big)



Outdoor Enclosure (Small)

