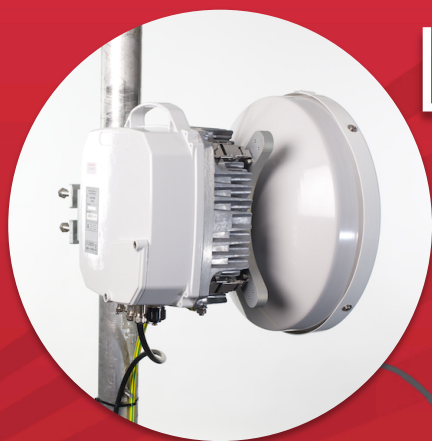


# Liberator-E1000



## Features & Benefits

- Life License operation
- Plug and Play
- Ethernet 1125Mbps (Full Duplex)
- Selectable Optical/Copper Interfaces
- Up to 5km at 99.9%
- All Outdoor Design
- 35cm and 65cm antennas

## Applications

- Fibre alternative
- LAN extension
- Path redundancy (1+1)
- Campus connectivity
- Disaster recovery
- Leased Line Replacement
- Temporary connections

## Licensed Link Quality of Service – With a life Licence!

The Liberator-E1000 is an extremely versatile and cost effective P2P wireless Ethernet link operating in the 70/80GHz band. Quality Design and engineering provide carrier grade availability for large and small network operators or individuals.



Scan The QR-Code for our contact  
information

## General system information:

### Radio Specifications:

- Modulation: DBPSK
- Frequency: 80GHz (72-76 / 81-86GHz)  
E band
- Channel Width: 1500MHz
- Antenna gain: 48dBi/52dBi
- TX power: +20dBm (Max at Antenna Port)
- Sensitivity: - 63dBm (BER=10-6)
- FEC: Reed-Soloman
- Latency: (8  $\mu$ s)
- MTBF: 25 years
- System Config: 1+0 1+1
- Wind load: Operating 120km/h  
Survival 200km/h

### Power supply:

- Power: 36-72v DC
- Power Consumption: 40W @ 48vdc

### Environmental:

- ODU: -33°C to +55°C
- Protection Box: -5°C to +50°C

### User Interface:

- Interface: 2x1000BaseT, IEEE802.3z
- Option: Optical 1000Base-SX/LX

### Management

- Serial (RS232) Diagnostic Channel
- SNMP: Ver1
- Others Proprietary Managment

### Dimensions (ODU):

- Size: 25.5x30.9x17.5 cm
- Weight: 6.5kg

### 35cm Antenna

- Diameter: 35cm
- Weight: 8.1kg
- Mast Size: 42-120mm

### 65cm Antenna

- Diameter: 65cm
- Weight: 11kg
- Mast Size: 42-120mm

### Dimensions (ODU):

- Size: 182 x 182 x 68mm
- Weight: Outdoor Unit - 2.5kg,  
Bracket - 1kg

### Regulatory

- IP66, CE Compliant, FCC Part 15
- EN 60950, ETSI EN 302 217-3, EN 301 751,
- ECC Rec(05)07



## Contact Information:

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