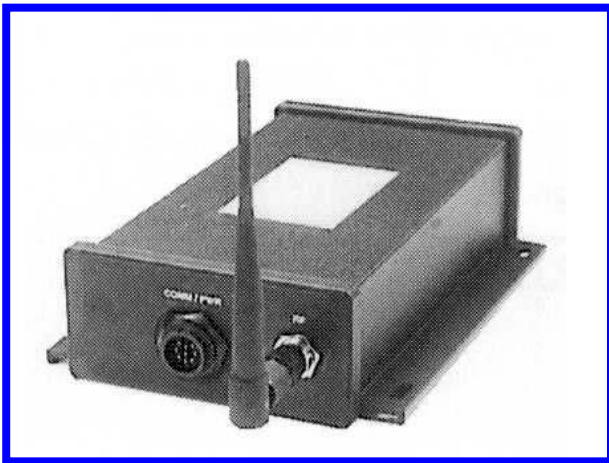
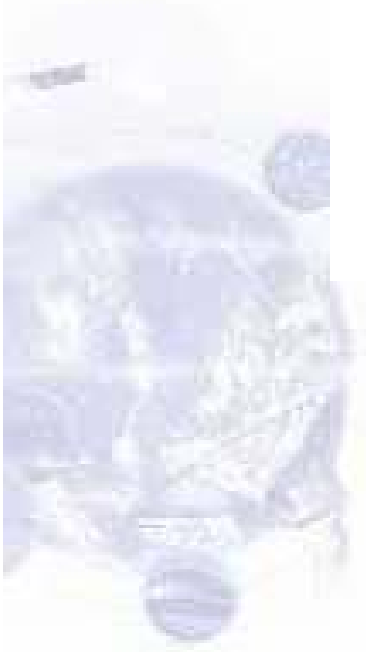


2,4 GHz FREQUENCY HOPPING SPREAD SPECTRUM MODEM EVF 2400



● For your transmissions in « real world » environment such as industrial sites, nuclear power plants, underground, tunnels, urban areas, military centres, ... every place where traditional RF technology offers poor results, and where reliable point to point or multipoint transmissions are needed.

- **Applications: remote control, telemetry,...**
- **Reliable and sure transmissions**
- Unaltered by **multipath fading**.

● EVF 2400 is particularly suited to network applications (up to 256 modems) in harsh propagation conditions (noise, mobile applications...). It also allows several independent networks to operate in the same neighborhood.

● This modem operates in Full Duplex

● Its packaging has been especially designed for the harshest environments.

| Main Features |
|-----------------------------|
| Référence : P/N |
| 2,4 GHz |
| 115 Kb/s |
| Frequency Hopping |
| Full Duplex |
| 100 mW |
| Network compliant |
| License Free |
| Compliant with ETSI 300.328 |



| Radio Specifications | EVF2400E | EVF2400 |
|--------------------------------|-------------------|----------------|
| Frequency band | 2,44 to 2,48 GHz | |
| Number of channels | Up to 16 | |
| Output Power | 100 mW (+ 18 dBm) | |
| Receive Sensitivity | -95 dBm | - 93 dBm |
| Debit RF | 230 kb/s | 460 kb/s |
| Debit data (max) | 115 200 b/s | 230 400 b/s |
| Operating Mode | TDMA , CSMA | TDMA, ETDMA |
| Interface data | RS 232C | RS232C, RS 485 |
| Buffer E / R | 4 kO / 2 kO | 3 kO |
| Consumption | 200 mA / 10 V | |
| Input Power | 6 to 10 V | 9 to 24 V |
| Number of stations per network | Up to 256 | Up to 63 |
| | | |

| | |
|-----------------------|----------------------------|
| | |
| Dimensions | 215 × 145 × 55 mm |
| Antenna Connector | TNC |
| Input Power Connector | Conxall model 3282-9SG-528 |

Omnidirectional Antenna Included.

| | |
|-----------------------------|------------------|
| | |
| Operating Temperature | - 20°C to + 50°C |
| Operating Relative Humidity | 95 % @ 40°C |

| | |
|--|--|
| | |
| External Filter | |
| OEM Version | |
| Standalone modem with 0 dBi omnidirectional antenna. | |

Specifications subject to change without notice.



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Electronics for Harsh Environments