

### GENERAL DESCRIPTION

The ODU-8501A is an RF ODU (OutDoor Unit) Transceiver for Point-to-Point communication. It is designed for High Data Rate operating with one antenna for full duplex operation in different modulation formats including BPSK, QPSK, SPSK, 16QAM, 64QAM. The ODU-8501A is a compact ODU that comprises of Up/Down Converter, Power Supply, PA (Power Amplifier), Filter-Duplexer and low phase noise synthesizers. It has built-in monitor and control for remote and local monitoring and control. It can be used either as a stationary/mobile terminal or a Repeater station.



### KEY FEATURES

- Broadband data transmission
- Easy installation & configuration
- Built-in monitor and control
- Built-in image rejection filter (Duplexer)
- Output power monitoring
- Very stable OCXO reference oscillator
- TX/RX level monitoring
- TX Power control
- Temperature monitoring
- Voltages monitoring
- Frequencies control
- Automatic fault identification

### APPLICATIONS

- Hub and VSAT terminals
- Repeater station
- Rural telephony
- Video conferencing
- Emergency link restoration

**Note:** Specifications are subject to change without notice.

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