



The 2400ODU provides a convenient, pre-integrated package for fiber transport of Satellite and other signals within the extended L-Band range. Contained in a compact, weatherproof enclosure are up to four 2408LT fiber optic transmitters and a 2400PSU-8 power supply.

This provides the needed equipment to transport up to four RF signals over individual fibers and power the connected LNBs. The 2400ODU may be conveniently mounted directly on or near the antenna structure.

### ►Features & Benefits

- Minimizes length of coax run from LNB
- Convenient, time-saving pre-integrated package
- Each fiber transmitter provides a coaxial monitoring output
- Lightning protection included on RF inputs
- Weather sealed enclosure with durable powder coat finish
- Wide operating temperature range
- Redundant power supply
- SmartMON™ monitoring without a separate data connection
- Additional fiber transmitters are field-installable
- Knockouts provided for termination of AC power and fiber conduits
- SmartMON™ equipped 2408LT's provide remote monitoring capabilities without a separate data connection
- All modules are field replaceable and fiber transmitter modules are hot-swappable
- Fiber link provides electrical isolation between antenna and facility, mitigating ground loop and lightning issues

### ►Specifications

#### RF Input

Number of inputs	1-4 depending on number of installed fiber transmitters
Connector	F-Type (N-type optional)
Impedance	75Ω, 50Ω optional
Frequency Range:	
1310nm FP laser	850MHz - 3000MHz
CWDM DFB laser	20MHz - 3000MHz
Input Power Range	-10dBm to -50dBm
LNB Power	
Voltage	18VDC, 13.5VDC, off (selectable)
Current	500mA
Protection	Short Circuit, current limited
LO Control	22kHz on/off (selectable)

#### Optical Output

Number of outputs	1-4 depending on number of installed fiber transmitters
Connector	Female FC/APC
Operating wavelength	1310nm
Output power	+2dBm

#### Power Input

Number of input:	Single or dual (protected) power sources can be accommodated
Connector:	
Standard:	Direct wiring to duplex NEMAS-15R receptacle inside enclosure (For North American Applications)
-IEC Option:	Dual IEC 320 male input connectors, inside enclosure (for applications outside North America)
Voltage	Autorangeing, 100-240 VAC
Frequency	47Hz-63Hz
Power	1 Amp maximum per input
<b>Physical</b>	
Dimensions Without Flanges	9" D x 16" W x 16" H (229mm D x 407mm W x 407mm H)
Knockouts	2x3/4"
Finish	RAL7035 textured light grey powder coat
Environmental	
Temperature	-20 to +50°C ambient air temperature

**Note:**For additional information and specifications on the included or companion items, refer to the following catalog pages:

2408LT	L-Band Outdoor Fiber Transmitter with SmartMON™
2400PSU-8	Eight Output Power Supply for 2408LT
7708LRA/LR-H	L-Band fiber receiver with SmartMON™

### ►Ordering Information

<b>2400ODU-1T</b>	Integrated outdoor fiber transmission system with 2400PSU-8 power supply and single 2408LT13 fiber transmitter installed
<b>2400ODU-2T</b>	Integrated outdoor fiber transmission system with 2400PSU-8 power supply and two 2408LT13 fiber transmitters installed
<b>2400ODU-3T</b>	Integrated outdoor fiber transmission system with 2400PSU-8 power supply and three 2408LT13 fiber transmitters installed
<b>2400ODU-4T</b>	Integrated outdoor fiber transmission system with 2400PSU-8 power supply and four 2408LT13 fiber transmitters installed
<b>2400ODU-1T-IEC</b>	Integrated outdoor fiber transmission system with 2400PSU-8 power supply, and single 2408LT13 fiber transmitter installed, dual IEC320 male connectors for power termination
<b>2400ODU-2T-IEC</b>	Integrated outdoor fiber transmission system with 2400PSU-8 power supply, and two 2408LT13 fiber transmitter installed, dual IEC320 male connectors for power termination
<b>2400ODU-3T-IEC</b>	Integrated outdoor fiber transmission system with 2400PSU-8 power supply, and three 2408LT13 fiber transmitter installed, dual IEC320 male connectors for power termination
<b>2400ODU-4T-IEC</b>	Integrated outdoor fiber transmission system with 2400PSU-8 power supply, and four 2408LT13 fiber transmitter installed, dual IEC320 male connectors for power termination

#### Ordering Options

**2400ODU-4GT** Replacement gas tubes for 2400ODU surge suppressors, package of four

Contact Evertz sales for 50Ω N-Type connector, bi-directional transmit/receive options and different laser/CWDM options