



## Amplifier, High Power Pump, EYDFA, 8 x 21dBm, 2U, WDM



link to the product:

<https://intersell.pl/gb/625-amplifier-pump-high-power-eydfa-8-x-21dbm-2u-wdm.html>

Manufacturer: InterOpto

Referention number: IO-EYDFA-8-21-2U-W



### Full product description

#### Application:

- Gain in single-mode 1550nm networks,
- FTTH networks,
- CATV networks.

#### Characteristic:

- Uses Er Yb Codoped double-clad fiber technology,
- Output ports: 8,
- Optical output power: up to 10W,
- Low noise figure (<5dB at 0dBm input),
- Great network management interface (compliant with SNMP network management standard),
- Intelligent temperature control system minimizes power consumption.

### SPECIFICATION

| Technical parameters                |             |
|-------------------------------------|-------------|
| Working band [nm]                   | 1530 - 1560 |
| Optical input power range [dBm]     | -3 to +10   |
| Number of output ports              | 8           |
| Maximum optical output power [dBm]  | 32          |
| Stability of the output power [dBm] | ± 0.5       |

|                                           |                                                                        |
|-------------------------------------------|------------------------------------------------------------------------|
| Noise figure [dB]                         | ? 5.0<br>(Optical input power: 0dBm, lambda 1550nm)                    |
| Return loss [dB]                          | Input: ? 45<br>Output: ? 45                                            |
| Optical connector type                    | SC / APC                                                               |
| C / N [dB]                                | ? 50<br>(tests according to GT / T 184-2002)                           |
| C / CTB [dB]                              | ? 63<br>(tests according to GT / T 184-2002)                           |
| C / CSO [dB]                              | ? 63<br>(tests according to GT / T 184-2002)                           |
| <b>General parameters</b>                 |                                                                        |
| Dimensions (width x length x height) [mm] | 440 x 483 x 88                                                         |
| Power                                     | A: 160 - 250V AC (50Hz)<br>B: 48V DC                                   |
| Working conditions                        | Ambient temperature: -10 to 42 [° C]<br>Relative humidity: 0 to 95 [%] |
| The storage conditions                    | Ambient temperature: -30 to 70 [° C]<br>Relative humidity: 0 to 95 [%] |