

## Features

- Wide Range of Input Power
- Variable Output Power
- Low Noise
- RS-232 Network Manage Interface

## Applications

- Digit Communication Network



## Performance Specifications

| Parameters            | Min   | Typ  | Max  | Unit |
|-----------------------|---|------|------|------|
| Operating Wavelength  | 1530  | 1550 | 1565 | nm   |
| Input Power           | OBA   | - 6  | 4    | dBm  |
|                       | OLA   | - 34 | - 6  |      |
|                       | OBA   | - 45 | - 25 |      |
| Output Power          | OBA   | 10   | 19   | dBm  |
|                       | OBA   | 0    | 19   |      |
|                       | OBA   |      | - 9  |      |
| Noise Figure          | OBA   | 5.0  |      | dB   |
|                       | OBA   | 4.5  |      |      |
|                       | OBA   | 4.5  |      |      |
| Input Isolation       | 30  |      |      | dB   |
| Output Isolation      | 30  |      |      | dB   |
| Output Pump Leakage   |   | - 30 |      | dBm  |
| Input Return Loss     | 45  |      |      | dB   |
| Output Return Loss    | 45  |      |      | dB   |
| PDG                   |   |      | 0.5  | dB   |
| Power Consumption     | 5   |      | 20   | W    |
| Operation Temperature | 0   |      | 65   | °C   |
| Operation Humidity    | 5   |      | 95   | %    |
| Storage Temperature   | - 40  |      | 85   | °C   |
| Operation Voltage     | Rack Mount: -48 VDC<br>Module Type: +5 VDC            |      |      | V    |
| Dimension(W×L×H)      | Rack Mount: 482.6×320×43.6<br>Module Type: 150×125×24 |      |      | mm   |

Compliance Telcordia GR1209-CORE & GR-1221-CORE Standard