



### Features

- 50 - 6000 MHz
- IF, L-Band, S-Band
- Directly Modulated
- -20°C to +55°C Operating Temperature Range
- OEM, Rack, Flange & Outdoor Packages
- Remote Monitoring & Alarm
- High SFDR
- Automatic Optical Power Control
- 1.3 & 1.5  $\mu\text{m}$  DFB Lasers
- Laser Conforms to Class 1 Emission
- Level per CDRH and IEC-825 (EN 60825) Standards

### Options

- Extended Temperature from -20°C to +60°C

### Applications

- Satellite TV
- GPS
- Iridium, GlobalStar, Inmarsat
- Oil & Gas
- TVRO Broadband Delay Lines
- Frequency Distributions Systems
- Remote Antenna Location
- Avionics
- Phased Array Antenna Systems

## J, J4, J84, J3U

Optical Zonu is a world leader in innovative RF/Microwave over fiber technology. Offering a complete line of products from OEM modules, flange mount and rack mount and IP67 solutions to meet the most challenging requirements of Satcom, MW, Radar, GPS, Iridium, Mobile, Land & Sea and Satellite TV.

|                               | J4 | J84 | J-Chassis | J3U |
|-------------------------------|----|-----|-----------|-----|
| <b>BANDWIDTH</b>              |    |     |           |     |
| 50 - 3000 MHz                 | Ø  | Ø   | Ø         | Ø   |
| 50 - 6000 MHz                 | Ø  | Ø   | Ø         | Ø   |
| 20 GHz                        |    |     | Ø         | Ø   |
| 40 GHz                        |    |     | Ø         | Ø   |
| C, X, Ku, DBS, Ka             |    |     | Ø         | Ø   |
| GPS                           | Ø  | Ø   | Ø         | Ø   |
| Iridium, GlobalStar, Inmarsat | Ø  | Ø   | Ø         | Ø   |
| VSAT                          | Ø  | Ø   | Ø         | Ø   |
| DirecTV / DISH                | Ø  | Ø   | Ø         | Ø   |
| <b>IMPEDANCE</b>              |    |     |           |     |
| 50                            | Ø  |     | Ø         | Ø   |
| 75                            | Ø  |     | Ø         | Ø   |
| <b>OPTICS</b>                 |    |     |           |     |
| 1310 nm                       | Ø  | Ø   | Ø         | Ø   |
| 1550 nm                       | Ø  | Ø   | Ø         | Ø   |
| CWDM                          | Ø  | Ø   | Ø         | Ø   |
| DWDM                          |    |     | Ø         | Ø   |
|                               |    |     |           |     |
|                               |    |     |           |     |
|                               |    |     |           |     |

|                     | 1/4 | 3/4 | 1-Chassis | 1U |
|---------------------|-----|-----|-----------|----|
| <b>MECHANICAL</b>   |     |     |           |    |
| OEM                 | Ø   |     |           |    |
| Rack                |     | Ø   | Ø         | Ø  |
| Flange              | Ø   |     |           |    |
| Plugin              |     | Ø   | Ø         | Ø  |
| IP67                |     |     |           |    |
| <b>POWER SUPPLY</b> |     |     |           |    |
| AC                  |     |     | Ø         | Ø  |
| DC                  | Ø   | Ø   | Ø         | Ø  |
| <b>POWER SUPPLY</b> |     |     |           |    |
| Single              |     |     | Ø         | Ø  |
| Redundant           |     |     | Ø         | Ø  |
| <b>SNMP</b>         |     |     |           |    |
| RS232 Signaling     |     |     | Ø         | Ø  |
| LNB Powering        |     |     | Ø         | Ø  |
| <b>FIBER</b>        |     |     |           |    |
| Single Mode         | Ø   | Ø   | Ø         | Ø  |
| Multi-Mode          | Ø   | Ø   | Ø         | Ø  |
| Bias "T"            |     |     | Ø         | Ø  |

### Authorized Reseller:

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