

Features:

- Zero-Touch Provisioning
- Supports up to 16 DWDM channels, at 1G, 2.5G, 10G, 25G, 40G, 50G, or 100G data rates
- Tunable dispersion compensation module
- Link distance measurement and fault location with OTDR
- Remote monitoring of far end unit
- Performance Monitoring to track max/min/average of key parameters on 15min/daily/weekly basis



- CLI, Web GUI interface, SNMP v2/v3
- Redundant power supplies with hitless swap

1. Technical Specifications

| Parameter | Value |
|--|---|
| DWDM Channel Count | 16 |
| DWDM Channel Wavelengths (min/max, THz) | 192.5 / 194.0, 100GHz spacing (ITU ch. 25 / 40) |
| Average Input Power per Wavelength (min/max, dB) | -11 / -8 |
| Tx Launch Power/Wavelength (min/max, dB) | 0.3 / 3.7 |
| Link Loss Budget (min/max, dB) | 18 |
| Output OSNR (min, dB) | 31.0 (tested under transmit signal OSNR 58dB) |
| Output Power/Wavelength (min/max, dB) | -2.3 / 1.4 |
| Input Voltage Range (min/max, VAC) | 90 / 264 |
| Input Frequency Range (min/max, Hz) | 47 / 63 |
| Current Consumption (A) | 2 (@ 90 VAC) 0.7 (@ 264 VAC) |
| Power Consumption (W) | 50 |
| Operating Temperature (min/max, °C) | 0 / 40 |
| Storage Temperature (min/max, °C) | -40 / 70 |
| Operating Humidity (min/max, %) | 5 / 95 |
| Dimensions (WxDxH, in) | 22" x 16 7/8" x 1 3/4" |
| Faceplate Dimensions (WxH, in) | 19" x 1 3/4" |

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|-----------------------------|--|
| Software Interface | CLI Web Craft Terminal SNMP v2 or v3 |
| Optical Performance Metrics | EDFA booster amplifier operating parameters VOA settings Dispersion compensation settings EDFA pre-amplifier operating parameters |

2. Ordering Information

| Part Number | Description |
|---------------------|--|
| ZAD-16-TDC-40-V-X-M | Multi-Rate 16ch Active DWDM Open Line System, 0-40km (power supply sold separately) |
| ZAD-16-TDF-80-V-X-M | Multi-Rate 16ch Active DWDM Open Line System, 40-80km (power supply sold separately) |
| ZAD-8-X-X-X-AC-X | AC Power Supply |
| ZAD-8-X-X-X-DC-X | DC Power Supply |
| ZAD-8-X-X-X-RLS-X | Slide Rails for mounting |
| Service And Support | |
| ZAD-247-W-S | Hotline Support: 24 hours/day, 7 days/week |
| ZAD-3-W-S | 36-Month Extended Warranty (inclusive of standard 12-month warranty period) |
| ZAD-5-W-S | 60-Month Extended Warranty (inclusive of standard 12-month warranty period) |

3. Contact Information

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