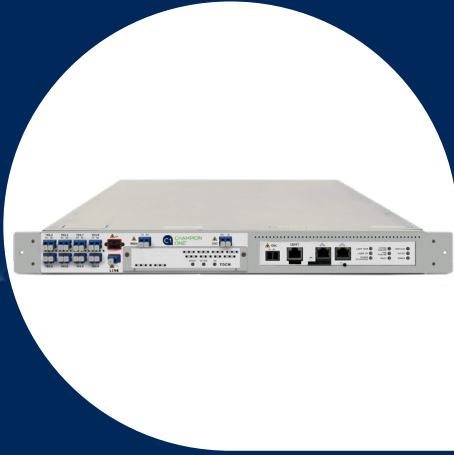


INTELLIPOINT DATA SHEET

8 Channel 100G PAM4 Open Line System (60 or 100km)



Champion ONE's 100G active DWDM open line system is a complete DWDM line system for long-distance, high-bandwidth applications. It provides all of the optical grooming necessary for transmission of up to 8 DWDM PAM4 channels over distances up to 100km, while maintaining the simplicity of zero-touch provisioning.

Key Features and Benefits

- Zero-Touch Provisioning
- Supports up to 8 PAM4 QSFP28 channels
- 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

Technical Specifications

Parameter	8 Channel Open Line System
DWDM Channel Count	8
DWDM Channel Wavelengths (min/max, THz)	193.3 / 194.0 (ITU ch. 33 / 40)
Average Input Power per Wavelength (min/max, dB)	-11 / -8
Tx Launch Power/Wavelength (max, dB)	3.0
Link Loss Budget (min/max, dB)	0 / 20
Output OSNR (min, dB)	31.5
Output Power/Wavelength (min/max, dB)	-2.0 / 6.0
Input Voltage Range (min/max, VAC)	90 / 264
Input Frequency Range (min/max, Hz)	47 / 63
Current Consumption @100-127 VAC (A)	3
Power Consumption (W)	45
Operating Temperature (min/max, °C)	0 / 40
Storage Temperature (min/max, °C)	-40 / 70
Operating Humidity (min/max, %)	5 / 95
Dimensions (LxWxH, mm)	22" x 16 7/8" x 1 3/4"
Faceplate Dimensions (WxH, mm)	19" x 1 3/4"
Serial User Interface	115200/8/N/1
Ethernet User Interface	10/100Mbps
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

Ordering Information

C1 Part Number	Description
ZAD-8-TDF-100-F-X-P	8ch Active DWDM Open Line System, 40-100km, Power Supply sold separately
ZAD-8-TDC-60-F-X-P	8ch Active DWDM Open Line System, 0-60km, Power Supply sold separately
ZAD-8-X-X-X-AC-X	AC Power Supply for 8 ch Open Line System (required)
ZAD-8-X-X-X-DC-X	DC Power Supply for 8 ch Open Line System (required)
ZAD-8-X-X-X-RLS-X	Slide Rails for 8 ch Open Line System
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)
ZAD-5-W-S	60-Month Extended Warranty (inclusive of standard 12-month warranty)