

iVAM Optical Power Monitor

*Adding Value and Intelligence to
the Network .*

Product Features:

- Monitor 4 or 8 channels
- 1310 and 1550 nm
- Exceptional temperature stability
- Low insertion loss
- Removable angled adaptors
- Modular design
- Remote access



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The iVAM Optical Power Monitor module measures power levels of multiple optical circuits in the network. It transmits an alarm when the optical signal falls outside operator-set thresholds. Up to four independent thresholds may be set for each fiber.

A single iVAM module monitors 4 fibers. A double-wide version that monitors 8 fibers is also available. Each Optical Power Monitor can be accessed remotely through the FSXpert System via Ethernet or EIA/RS-232. It also has the ability to automatically report alarms.

The adaptors on the iVAM modules exit at a 45 degree angle for improved cable management, maintaining minimum fiber bend radius to prevent fiber macro bends. The removable adaptors allow easy access to the internal connectors for cleaning.

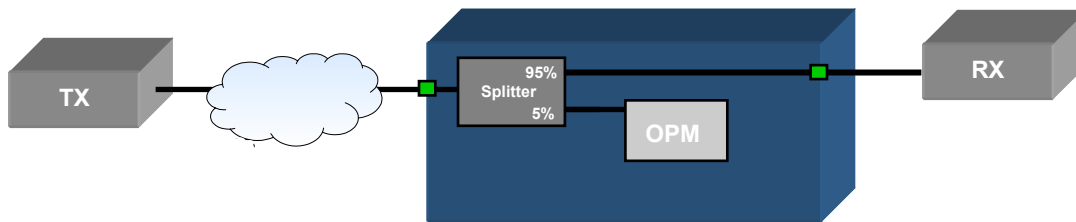
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SPECIFICATIONS

Parameter	Specification	Remarks
Chassis Compatibility	Alcon FSXpert System	1W1H, 2W1H
Wavelength Ranges	1310, 1550nm +/-20nm	
Measured Power Dynamic Range	+1 dBm to -40 dBm -5 dBm to -48 dBm -20 dBm to -60dBm	1% tap 5% tap No tap
Measurement Resolution	0.02 dB	
Absolute Accuracy	± 0.5 dB	At 1310 & 1550 nm
Typical Relative Accuracy	± 0.2 dB	At 1310 & 1550 nm
Sampling Time / Channel	250 mSec	
Insertion Loss	1.0 dB maximum	Includes connector losses
Return Loss	50 dB minimum	With connectors, both directions
Normal Operating Temperature	5 °C to +40 °C	8.5 °C/Hr max.
Input Voltage	-40 to -60 VDC	



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