

iVAM 1310-1550/1625 WDM

Adding Value and Intelligence to the Network

Product Features:

- Thin-Film Filter Technology
- Low Insertion Loss
- High Reliability
- Removable Angled Adaptors
- Modular Design
- Remote Access Available

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IVAM 1310-1550/1625 WDM

The iVAM WDM (wavelength-division multiplexer) module enables non-intrusive testing of any fiber path on a Remote Fiber Test System. This capability is ideal for testing active fibers in service.

The WDM uses optical filter technology to multiplex a 1625 nm OTDR test signal onto the active fiber. At the opposite end of the fiber, a bandpass filter blocks the test signal before it reaches the receiver, so that the signal's bit error rate (BER) is not affected.

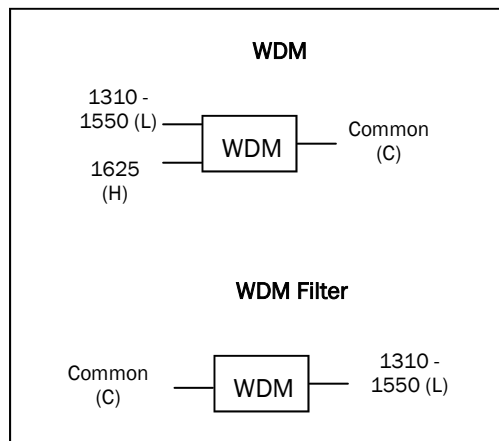
The WDM module is also available in a bypass configuration for testing optically amplified networks.

The adaptors 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.

The iVAM WDM Module is an optically passive module. The remote access feature allows the user to identify the chassis configuration, as well as module splitter type, catalog number, etc.



iVAM 1310-1550/1625 WDM



Part Numbers	Description
IVAM-W2AG-SC	2 WDMs; SC Connectors; 1310-1550/1625 nm
IVAM-W2FG-SC	2 WDM Filters; SC Connectors; 1310-1550/1625 nm
IVAM-W4AG-SC	4 WDMs; SC Connectors; 1310-1550/1625 nm
IVAM-W4FG-SC	4 WDM Filters; SC Connectors; 1310-1550/1625 nm
IVAM-W8AG-SC	8 WDMs; SC Connectors; 1310-1550/1625 nm
IVAM-W8FG-SC	8 WDM Filters; SC Connectors; 1310-1550/1625 nm

SPECIFICATIONS

Parameter	Condition	Min	Max	Unit
Wavelength Range	Low (1310nm)	1295	1325	nm
Wavelength Range	Low (1550nm)	1480	1580	nm
Wavelength Range	High (1625nm)	1610	1640	nm
Storage Temperature		-40	70	°C
Operating Temperature		0	50	°C
Operating Humidity		95%RH from 0-40 °C		
Optical Power		N/A	250	mW
Polarization Dependent Loss		N/A	0.2	dB
Polarization Mode Dispersion		N/A	0.1	ps
Insertion Loss L-C *	1295~1325nm 1480~1580nm	N/A	1.0	dB
Insertion Loss H-C *	1610~1640nm	N/A	1.0	dB
Isolation C-H	1295~1325nm 1480~1580nm	14	N/A	dB
Isolation C-L	1610~1640nm	40	N/A	dB
Directivity L-H	All wavelengths	50	N/A	dB
Return Loss	All ports, all wavelengths	50	N/A	dB

* Insertion Loss does not include connector losses



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