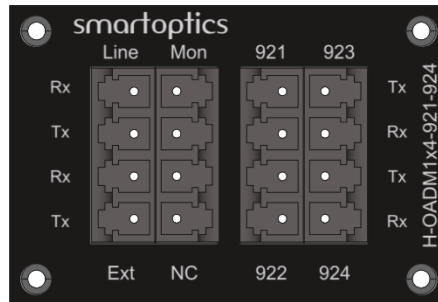


# H-OADM1X4-XXX-YYY

4 channel DWDM OADM West/East with monitor, single end



## OVERVIEW

The H-OADM1x4-xxx-yyy units are a range of passive 4 channel DWDM protocol transparent single ended OADM units. They operate with 100GHz spacing and have an additional DWDM extension port so that will pass through the remaining DWDM wavelengths. Channels operate in the standard C-band in dual fiber working configuration.

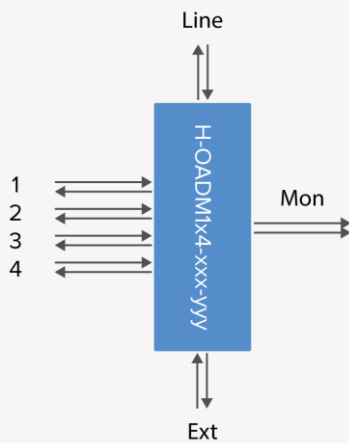
## FUNCTIONAL DESCRIPTION

The extension port can be used for the following applications:

- Pass through non-terminated DWDM wavelength.

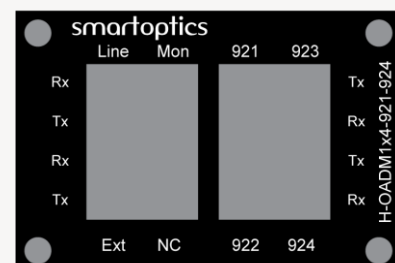
Monitor ports are used to analyze outgoing and incoming line signals. Compliant to ITU-T G.694.1

## FUNCTIONAL OVERVIEW AND PORT DESCRIPTION



Line Rx	Mon Tx	921 Rx	923 Tx
Line Tx	Mon Rx	921 Tx	923 Rx
Ext Rx	NC	922 Rx	924 Tx
Ext Tx	NC	922 Tx	924 Rx

Description of H-OADM1x4-921-924



## TECHNICAL SPECIFICATIONS

Parameter	Min	Max
Operating wavelength range	1500nm	1600nm
Channels	See separate table	
Channel spacing	100GHz	
Channel passband	ITU±0.11	
Insertion loss, extension	1.8 dB	
Insertion loss, per channel	2.5 dB	
Link loss, per channel	3.5 dB	
Insertion loss, monitor	18 dB	22 dB
Isolation, adjacent channel	28 dB	
Isolation, non-adjacent channel	40 dB	
Ripple, passband	0.5 dB	
Directivity	45 dB	
Return loss	40 dB	
Polarization dependant loss	0.2 dB	
Polarization mode dispersion	0.20 ps	

## ORDER INFORMATION

The H-OADM1x4-xxx-yyy units are available in 10 different versions depending on desired channel plan. The table below shows the part numbers and a short description.

Part number	Description	Channels
H-OADM1x4-921-924	4 channel DWDM OADM West/East with monitor, single end	921-924
H-OADM1x4-925-928	4 channel DWDM OADM West/East with monitor, single end	925-928
H-OADM1x4-929-932	4 channel DWDM OADM West/East with monitor, single end	929-932
H-OADM1x4-933-936	4 channel DWDM OADM West/East with monitor, single end	933-936
H-OADM1x4-937-940	4 channel DWDM OADM West/East with monitor, single end	937-940
H-OADM1x4-941-944	4 channel DWDM OADM West/East with monitor, single end	941-944
H-OADM1x4-945-948	4 channel DWDM OADM West/East with monitor, single end	945-948
H-OADM1x4-949-952	4 channel DWDM OADM West/East with monitor, single end	949-952
H-OADM1x4-953-956	4 channel DWDM OADM West/East with monitor, single end	953-956
H-OADM1x4-957-960	4 channel DWDM OADM West/East with monitor, single end	957-960