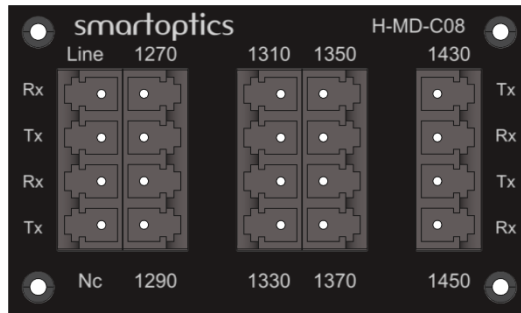


# H-MD-C08

8 channel CWDM mux/demux



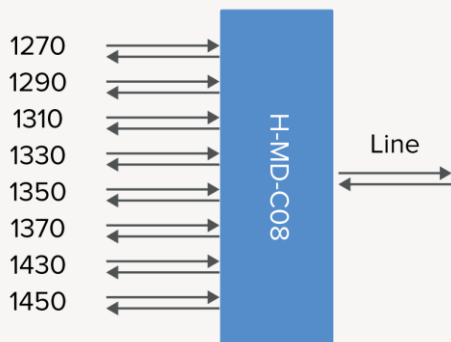
## OVERVIEW

The H-MD-C08 unit is a passive 8 channel CWDM protocol transparent mux/demux unit. It operates with 20 nm spacing in the CWDM low-band in dual fiber working configuration. It skips the wavelength in the water peak frequency area.

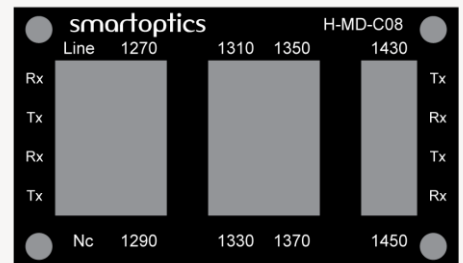
## FUNCTIONAL DESCRIPTION

Compliant to ITU-T G.694.2

## FUNCTIONAL OVERVIEW AND PORT DESCRIPTION



Line Rx	1270 Tx	1310 Rx	1350 Tx	1430 Tx
Line Tx	1270 Rx	1310 Tx	1350 Rx	1430 Rx
NC	1290 Tx	1330 Rx	1370 Tx	1450 Tx
NC	1290 Rx	1330 Tx	1370 Rx	1450 Rx



## TECHNICAL SPECIFICATIONS

Parameter	Min	Max
Operating wavelength range	1260nm	1620nm
Channels	1271, 1291, 1311, 1331, 1351, 1371, 1431, 1451	
Channel spacing	20nm	
Channel passband	ITU±7	
Link loss, per channel	4.2 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 table below shows the part number and a short description.

Part number	Description	Channels
H-MD-C08	8 channel CWDM mux/demux	1271, 1291, 1311, 1331, 1351, 1371, 1431, 1451