



CWDM MUX/DEMUX

Funktioner

- Low Insertion Loss
- Broadband transmission
- High Channel Isolation
- Epoxy-free on Optical Path
- High Stability and reliability over temperature

Applicering

- Metro/Access networks
- WDM Network
- Telecommunication
- Cellular Application
- CATV system

Produktinformation

Product Specifications

Parameter	4 Channel		8 Channel		
	Mux	Demux	Mux	Demux	
Channel Wavelength (nm)	1270~1610				
Center wavelength Accuracy (nm)	± 0.5				
Channel Spacing (nm)	20				
Channel Passband@-0.5dB bandwidth (nm)	>13				
Insertion Loss (IL) CWDM ports (dB) Mux + Demux	≤ 2.5		≤ 5		
IL 1310nm Expansion Port (dB) Mux + Demux	0.9		0.9		
IL additional 1550nm Expansion Port (dB) Mux + Demux	1.6		N/A		
Insertion Loss @ 1% Mon (dB) Mux + Demux	≤ 21.00		≤ 21.00		
Channel Uniformity (dB)	≤ 0.6		≤ 1.0		
Channel Ripple (dB)	0.3				
Isolation(dB)	Adjacent	N/A	> 30	N/A	> 30
	Non-adjacent	N/A	> 40	N/A	> 40
Insertion Loss Temperature Sensitivity (dB/°C)	< 0.005				
Wavelength Temperature Shifting (nm/°C)	< 0.002				
Polarization Dependent Loss (dB)	< 0.1				
Polarization Mode Dispersion (PS)	< 0.1				
Directivity (dB)	> 50				
Return Loss (dB)	> 45				
Maximum Power Handling(mW)	500				
Operating Temperature (°C)	-5~+75				
Storage Temperature (°C)	- 40~+85				

- 4MCLL204M: 1470, 1490, 1590, 1610 +1310 &1550 Exp + Monitor
- 4MCLL204AM: 1510, 1530, 1550, 1570 + Monitor
- 4MCLL208M: 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610 + 1310 Exp + Monitor

Teknisk information

Produktfärg	Svart
Temperatur, drift [°C]	-5° / +75°C
Temperatur, lagring [°C]	-40° / +75°C

Artiklar 4

Artikelnamn

Subrack 1U 19" for CWDM/DWDM with capacity for 4 slimline modules BLK
46SUBRACK

CWDM 1470,1490,1510,1530,1550,1570,1590,1610nm +1310exp & monitor slim
4MCLL208M

CWDM 1510, 1530, 1550, 1570 + monitor, slimline module BLK
4MCLL204AM

CWDM 1470,1490,1590,1610+1310,1550 exp & monitor, slimline module BLK
4MCLL204M