

Compact 4-Channel Coarse Wavelength Division Multiplexer / Demultiplexer Module



Specifications

Parameters	Unit	Mux	Demux	Mux	Demux	
Channel Number	-	-	4			
Center Wavelength*	-	nm	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611			
Channel Passband	-	nm	± 6.5	± 6.5	± 7.5**	± 7.5**
Insertion Loss	Max.	dB	0.8	0.8	1.0	1.0
Passband Flatness	Max.	dB	0.3	0.3	0.3	0.3
Channel Isolation (adjacent)	Min.	dB	N/A	30	N/A	30
Channel Isolation (non-adjacent)	Min.	dB	N/A	45	N/A	45
PDL	Max.	dB	0.2		0.2	
PMD	Max.	ps	0.1		0.1	
Return Loss	Min.	dB	45		45	
Directivity	Min.	dB	50		50	
Dimension	-	mm	50 x 32 x 8			

* Express channel is available upon request

** This product is available upon request

Note : insertion loss and return loss values are without connectors.

Features/Benefits

- Ultra wide passband
- Compact size
- Extreme low insertion loss and link loss
- Wide operating temperature range
- Excellent thermal stability

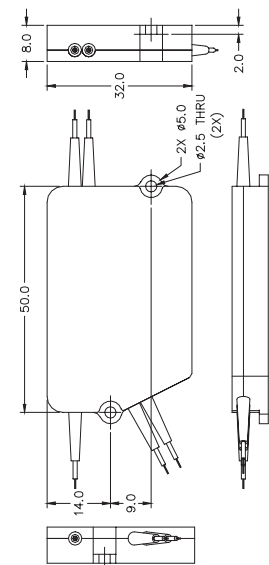
Applications

- Metro, access and enterprise networks
- CATV
- 3G wireless telephony
- PON and FTTx networks

Absolute Maximum Rating

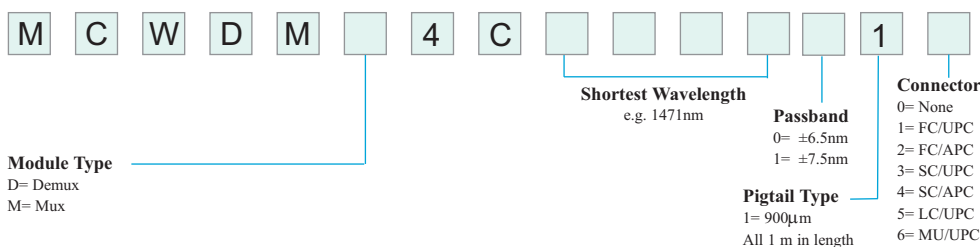
Parameters	Unit	Specification
Maximum Optical Power	dBm	25
Operation Temperature	°C	-20 ~ +70
Storage Temperature	°C	-40 ~ +85
Tensile Load	N	5

Dimensions



Unit: mm

Ordering Information



This product information is subject to change without notice.