



RFoptic's CWDM 8 channel multiplexer (mux) / demultiplexer (demux) devices use multiple wavelengths to transport information over fiber, making it suitable for access networks that require additional bandwidth.

Key features:

- ❖ Low insertion loss
- ❖ High channel isolation
- ❖ Low PDL
- ❖ High reliability
- ❖ Telcordia GR-1221 compliance

Applications:

- ❖ Optical add/drop multiplexing

Optical Specifications 8 Channel Mux/Demux

Parameter	Min	Typ.	Max	Unit
Operating Optical Wavelengths	1271 – 1413 or 1471 – 1611			nm
Channel Spacing		20		nm
Channel Passband	13	15		dB
Insertion Loss		1	1.5	dB
Passband Ripple		0.3	0.5	dB
Adjacent Channel Isolation	30	40		dB
Non Adjacent Channel Isolation	45	50		dB
Polarization dependent loss			0.2	dB
Return Loss	45	50		dB
Directivity	50			dB
Maximum Optical Power			300	mW
Operating Temperature	-10		+70	°C
Storage Temperature	-40		+85	°C
Connectors	FC/APC			
Dimensions	19" 1U			