

CWDM Chip Specification
Model: ACCDM2004/ACCDM2008
OPTICAL PARAMETERS

Parameter	Specification MUX	Specification DEMUX	Units	Comments
Channels	4 or 8	4 or 8	-	
Channel Spacing	20	20	nm	
Wavelength Range	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611	nm	
Channel Passband	$\geq \lambda_c \pm 6.5$	$\geq \lambda_c \pm 6.5$	nm	@ 30C
Insertion Loss	≤ 3.2	≤ 3.2	dB	4-CH; Max in passband
	≤ 3.7	≤ 3.7	dB	8-CH; Max in passband
Ripple	≤ 0.5	≤ 0.5	dB	Across passband
Uniformity	≤ 0.5	≤ 0.5	dB	
PDL	≤ 0.3	≤ 0.3	dB	Max in passband
Adjacent Isolation	NA	≥ 30	dB	
Non-adjacent Isolation	NA	≥ 40	dB	
Input Optical Power Handling	300	300	mW	
Return Loss	≥ 50	≥ 50	dB	
Operating Temperature	-5~70	-5~70	C	
	-OR-	-OR-		
	-10~65	-10~65	C	