

**Duplex CWDM MUX/DEMUX Chip Specification**
**Model: ACCDM2004D/ACCDM2008D**
**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	$\leq 3.2$	$\leq 3.2$	dB	4-CH; Max in passband
	$\leq 3.7$	$\leq 3.7$	dB	8-CH; Max in passband
Ripple	$\leq 0.5$	$\leq 0.5$	dB	Across passband
Uniformity	$\leq 0.5$	$\leq 0.5$	dB	
PDL	$\leq 0.3$	$\leq 0.3$	dB	Max in passband
Adjacent Isolation	NA	$\geq 30$	dB	
Non-adjacent Isolation	NA	$\geq 40$	dB	
Input Optical Power Handling	300	300	mW	
Return Loss	$\geq 50$	$\geq 50$	dB	
Operating Temperature	-5~70	-5~70	C	
	-OR-	-OR-		
	-10~65	-10~65	C	