



Ultra Compact Dual 1X4 CWDM Module



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1. Performance

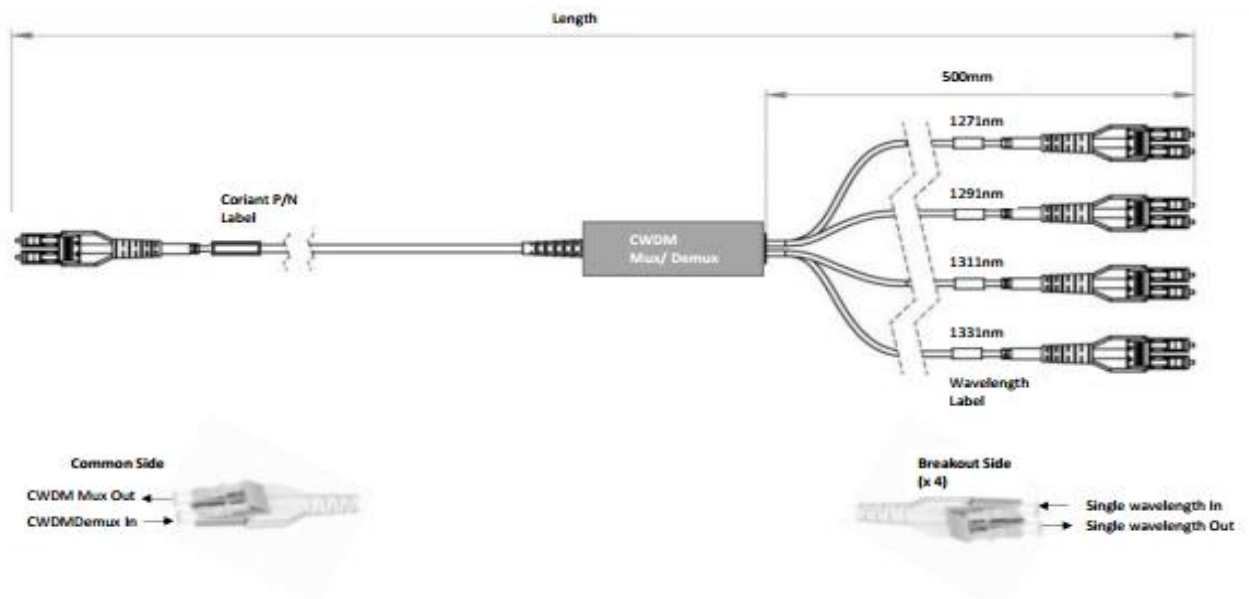
This document proposes the specifications of Ultra Compact Dual 1X4 CWDM Module:

Parameter	Symb	Min	Typ	Max	Unit	Note
Channel Number			4		channe l	
Channel Wavelength	λ_{CT0}		1271		nm	
	λ_{CT1}		1291		nm	
	λ_{CT2}		1311		nm	
	λ_{CT3}		1331		nm	
Channel Spacing			20		nm	
Pass Band	$\Delta\lambda$	-6.5		+6.5	nm	
Ripple over Pass Band				0.5	dB	
Channel Insertion Loss			1.2	1.8	dB	1
Adjacent Channel Isolation		30			dB	
Non-Adjacent Channel Isolation		40			dB	
Polarization Dependent Loss				0.2	dB	
Return Loss		45			dB	
Directivity		50			dB	
Wavelength Thermal Stability				0.002	nm/°C	
Fiber		SMF G.652				
Cable		3mm Cable, Yellow				
Connector		LC/UPC Uniboot				
Fan-out Length		500 (-0, +50)			mm	
Total Length		3000 (-0, +100)			mm	
Store Temperature		-40 to 70			°C	
Operation Temperature		-5 to 60			°C	

Note:1. Include the LC insertion loss.

2. Use uniboot LC connector or else need to clip the LC pair in the same channel.

2. Ultra Compact CWDM module size reference



3. RoHS appliance. GR-1209-Core, GR-1221-Core Generic Requirement and test standard.

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