

Compact Coarse Wavelength Division Multiplexers

Features

Small package
Low insertion loss
Excellent temperature stability
Upgradable port available

Applications

WDM systems
Metro networks
FTTH/FTTP



Performance Specifications

Parameters and symbols		Spec.	Unit
Channel center wavelengths $\lambda_1 \sim \lambda_8$		1471,1491,1511,1531 1551,1571,1591,1611	nm
Channel spacing		20	nm
Channel pass band		$\lambda_c \pm 6.5$	nm
Insertion loss, including connectors	Ch1-4	≤ 1.0	dB
	Ch5-8	≤ 1.2	dB
	Pair with A and B	≤ 2.5	dB
Isolation	Adjacent Channel	≥ 30	dB
	Non-adjacent Channel	≥ 50	dB
Polarization dependent loss		≤ 0.2	dB
Optical return loss		≥ 45	dB
Directivity		≥ 50	dB
Optical power range		≥ 200	mW
Operating temperature		-10 ~ +70	°C
Operating relative humidity		5 ~ 95	%
Storage temperature		-40 ~ +85	°C
Storage relative humidity		5 ~ 95	%
Connector		Customized	
Fiber Type		SMF-28 w/900 μ m Loose Tube	
Package dimension		70x27x8mm	mm

Mechanical Dimensions(mm)

