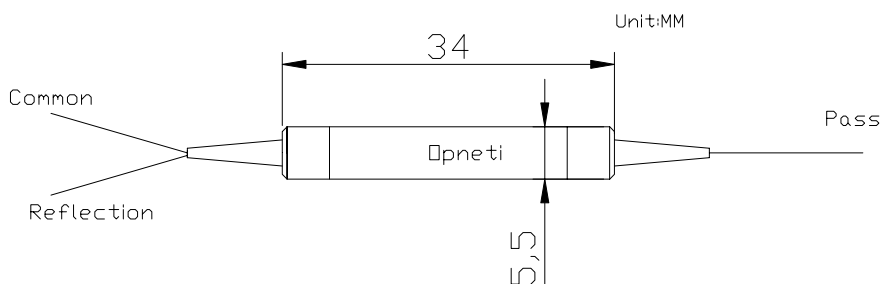


## 1 x 2 Coarse Wavelength Division Multiplexer (CWDM)

<b>Features</b>	
Wide pass band Low insertion loss High channel isolation High stability and reliability	
<b>Application</b>	
CWDM system CWDM Mux/Demux module	

**Specifications**

Parameter		Value
Central Wavelength(nm)		1271, 1291, 1311, .....1551, 1571, 1591, 1611
Operating Wavelength (nm)		1260~1460 or 1460~1620 or 1260~1620
Channel space (nm)		20
Channel bandwidth (nm)		$\lambda_c \pm 6.5$
Channel flatness (dB)		$\leq 0.4$
IL (dB)	Pass Channel	$\leq 0.6$
	Reflection Channel	$\leq 0.4$ (1260~1460 or 1460~1620) or $\leq 0.6$ (1260~1620)
Isolation (dB)	Adjacent channel	$\geq 30$
	Non-adjacent channel	$\geq 40$
	Reflection Channel	$\geq 15$
Directivity (dB)		$\geq 55$
Return loss (dB)		$\geq 50$
PDL (dB)		$\leq 0.15$
Wavelength thermal stability (nm/°C)		$\leq 0.003$
Insertion loss thermal stability (dB/°C)		$\leq 0.005$
Power handling (mW)		$\leq 500$
Operating temperature (°C)		0 ~ +70
Storage temperature (°C)		-40 ~ +85
Dimensions (mm)		$\phi 5.5 \times L34$

**Package Dimensions**

**Ordering Information:**

CWDM	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	1x2	1271 1291 ..... 1611	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e	1= 1m X=Specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other