

CWDM Component

Features

Low insertion loss
High extinction ratio
High stability & Reliability

Applications

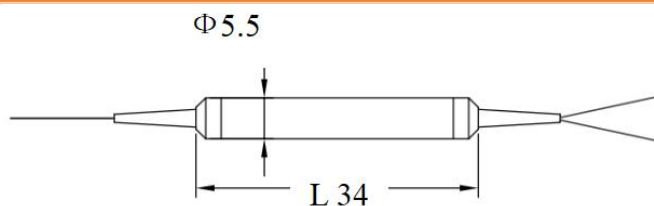
Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter		1×2 CWDM Component	Unit
Central wavelength		1271, 1291, 1311, 1331, 1351, 1371, 1391, 1411,1431 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611	nm
Operating wavelength		1260~1460 or 1460~1620 or 1260~1620	nm
Insertion loss	Transmission	≤0.6	dB
	Reflection	≤0.4(@1260~1460 or 1460~1620)	
		≤0.6(@1260~1620)	
Channel space		20	nm
Channel bandwidth		$\lambda_c \pm 6.5$	nm
Channel flatness		≤0.4	dB
Isolation	Demux adjacent channel	≥30	dB
	Demux non-adjacent channel	≥40	dB
	Mux or reflection channel	≥15	dB
Directivity		≥50	dB
Return loss	With APC & no connector	≥50	dB
	With PC connector	≥45	dB
PDL		≤0.15	dB
Insertion loss thermal stability		≤0.005	dB/°C
Power handling		≤500	mW
Operating temperature		-5 ~ +70	°C
Storage temperature		-40 ~ +85	°C
Dimensions		Φ5.5× L34	mm

*The above specification is without connector

*Other specifications can be made on customer request

Mechanical Dimension



Ordering Information

specification	GCCWDM
Package size	5.5 × 34 etc
Fiber code	SMF-28e XB, Others
Pigtail type	0=250 μ m, 1=900 μ m, 2=2mm, 3=3mm, 4=others
Operating wavelength	B=1460~1620nm Q=1260~1620nm S=1260~1460nm O=Other
Central wavelength	1471, 1491, 1511, T1471~1511 etc
Port number	1×2, 1×3, 1×4, 1×8 etc
Type	M=Mux, D=Demux (for Module)