

1×8 CWDM Component

Features

Low insertion loss
High Return loss
High stability & Reliability

Applications

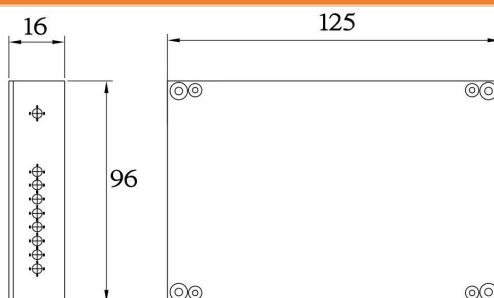
Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter		1x8 CWDM Module	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	≤ 2.5	dB
	Reflection		
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		125×96×16	mm

*The above specification is without connector

*Other specifications can be made on customer request

Mechanical Dimension



Ordering Information

specification	GCCWDM
Package size	125×96×16 etc
Fiber code	SMF-28e, 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
Transmission wavelength	1471, 1491, 1511, T1471~1511 etc
Port number	1×2, 1×3, 1×4, 1×8 etc