



### Coarse Wavelength Division Demux/Mux Module (CWDM)

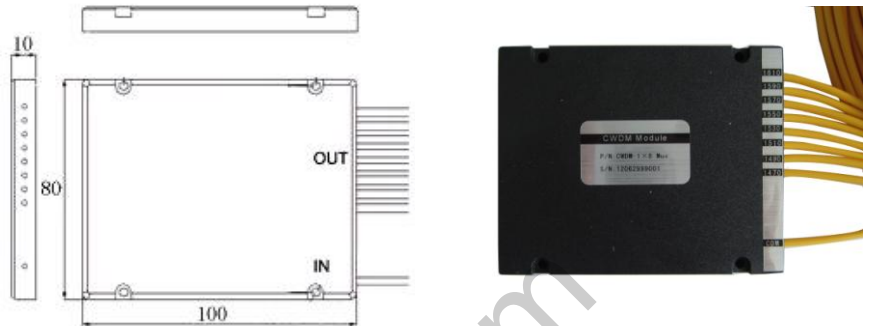
GH's Coarse wavelength division multiplexer (CWDM) utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging.

#### Feature:

- ◆ Low insertion loss
- ◆ High channel isolation
- ◆ High stability and reliability

#### Application:

- ◆ WDM/DWDM system
- ◆ Add/Drop system
- ◆ CATV system



#### Order Information:

Parameter	Unit	Mux		Demux	
		2	4	8	16
Channels Number		2	4	8	16
Central Wavelength	nm	1271, 1291, 1311, 1331, 1351, 1371 1391, 1411, 1431, 1471, 1491, 1511 1531, 1551, 1571, 1591, 1611 or 1270,1290,1310,1350,1370,1390,1410,1430,1470,1490,1510,1530,1550,1570,1590,1610			
Nominal Channel Spacing	nm	20			
Channel Pass band	nm	$\lambda_{ITU} \pm 6.5$			
Insertion Loss(Typical)	dB	1.4	1.8	2.8	3.6
Ripple	dB	$\leq 0.5$			
Adjacent Channel Isolation	dB	$\geq 30$			
Non-adjacent Channel Isolation	dB	$\geq 45$			
Return Loss	dB	$\geq 45$			
PDL	dB	$\leq 0.10$			
Directivity	dB	$\geq 50$			
Operating Temperature	°C	$-5 \sim +65$			
Storage Temperature	°C	$-40 \sim +85$			
Operating Humidity	%RH	$\leq 85$			
Storage Humidity	%RH	$\leq 85$			
Package Size (mm)		2ch, 4ch: 100×80×10 (mm) /8ch,16ch: 120×80×18 (mm)			
Package Material		ABS			
Fiber Type		SMF-28e			
Pigtail Type		250um Bare Fiber /0.9mm/2.0mm/3.0mm Loose Tube			
Pigtail Length/Connector Type		Customize			