

1 ch Add/Drop CWDM Module



BCC
Solutions

Part No.	CWDMG21xxFACC02
Revision	A

Features

- Low Insertion Loss
- Wide Pass Band
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free on Optical Path

Applications

- Line Monitoring
- WDM Network
- Telecommunications
- Fiber Optical Amplifier
- Access Network
- Cellular Applications

Product Function

- All CWDM wavelengths 1270 to 1610nm go through from A site to C site.
- But 1xx0nm will be Add & Dropped on site B. 1xx0nm channel is not allowed to go directly from A to C.

Part Number List

C W D M G 2 1 F A C C 0 2

Center Channel Wavelength

47=1470 nm

49=1490 nm

51=1510 nm

53=1530 nm

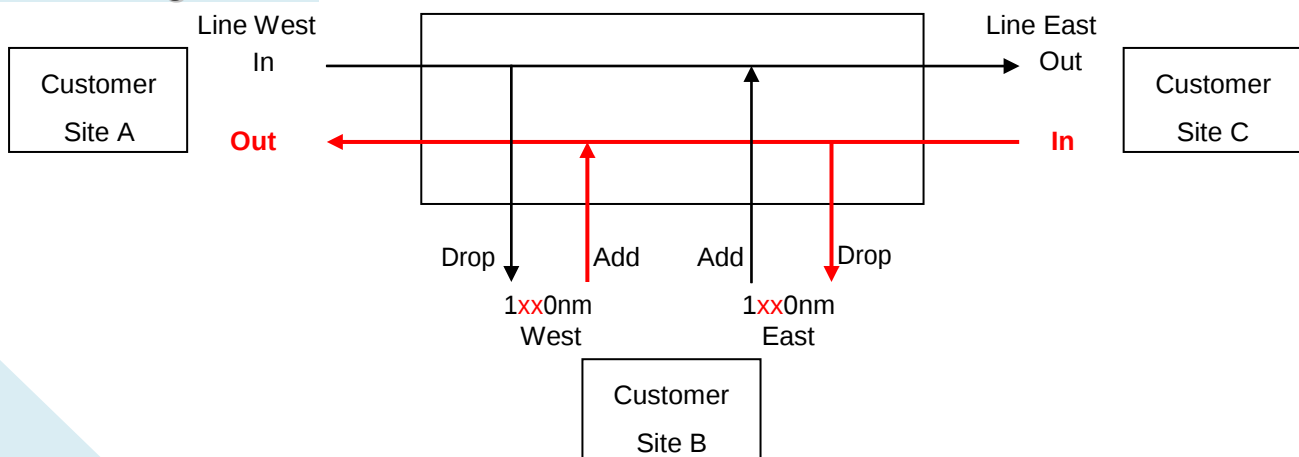
55=1570 nm

57=1570 nm

59=1590 nm

61=1610 nm

Product Configuration

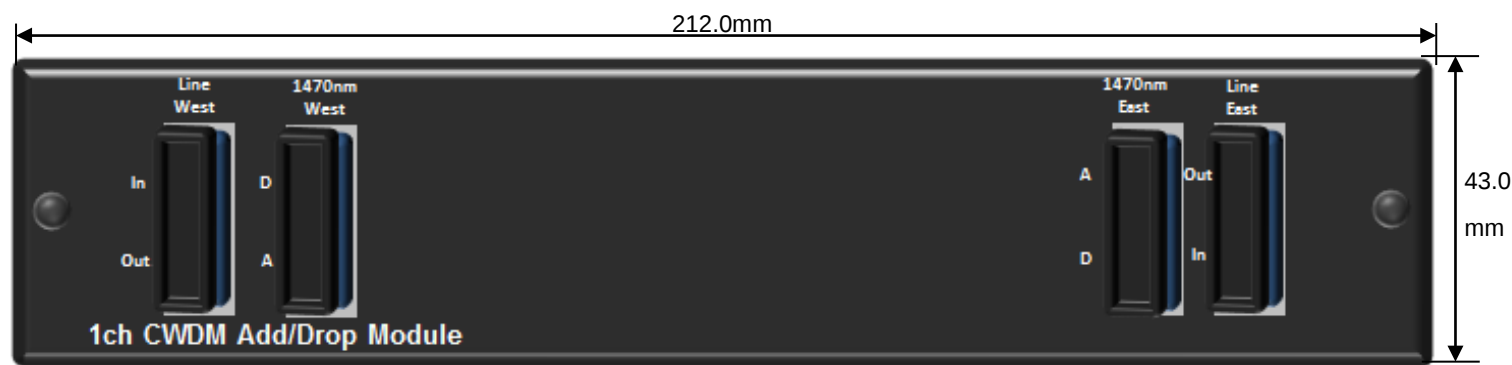


Performance Specifications

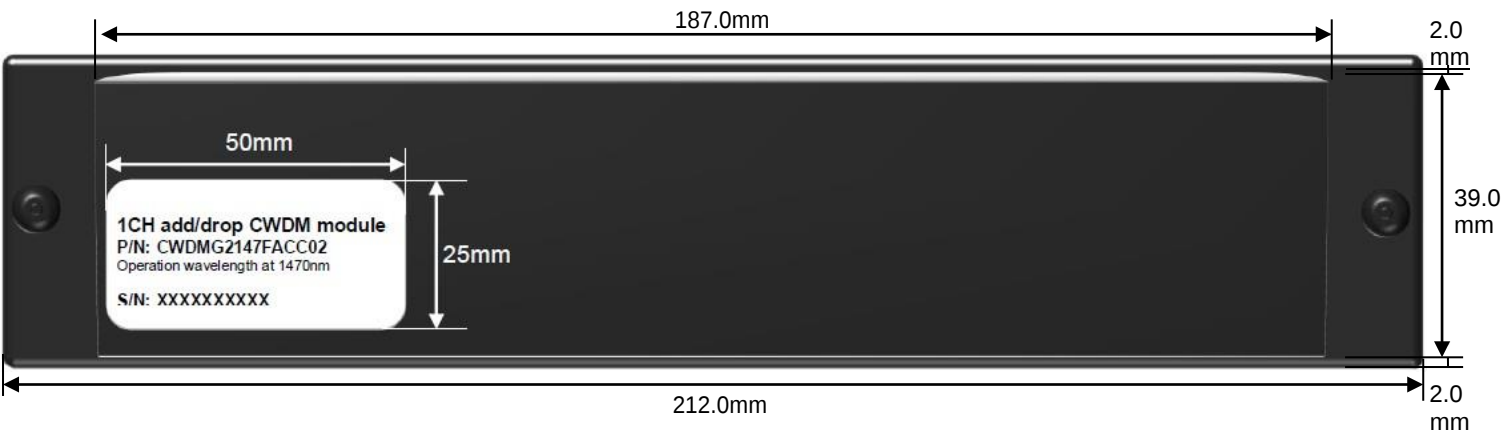
Parameters		Specification
Operation Wavelength (nm)		1260~1620
Channel Spacing (nm)		20
Center Wavelength λ_c		1550
Channel Bandwidth @0.5 dB (nm)		≥ 13
Inserion Loss	Add/Dorp channel $\leq$ Line X @ $\lambda_c \pm 6.5$ (X= West or East) (dB)	≤ 0.8
	Line West $\leq$ Line East @ Other Channel	≤ 1.0
Isolation	Add/Dorp channel $\leq$ Line X @ Other Channel (X= West or East) (dB)	≥ 30
	Line West $\leq$ Line East @ $\lambda_c \pm 6.5$ (dB)	≥ 25
PDL (dB)		≤ 0.1
PMD (ps)		≤ 0.2
Directivity (dB)		≥ 50
Return Loss (dB)		≥ 45
Optical Power (mW)		≤ 300
Operating Temperature (°C)		- 40 ~ 85
Storage Temperature (°C)		- 40 ~ 85
Connectors (All Ports)		SC/PC with Adaptor
Packaging Dimensions (mm)		L 212*W 191.6*H 43

Package Dimensions

ex: CWDMG2147FACC02
Frontal Panel Labeling



Back View



Top View

