

CWDM-2100

Passive CWDM Mux / Demux

CWDM-2100



Features

- High performance & low cost
- 1310nm & 1550nm splitter / combiner
- Single or bi-directional operation
- Compact & rugged design 142mm(L) x 82mm(W) x 47mm(H)

Description

The CWDM-2100 is a 1310nm & 1550nm high performance passive optical multiplexer and de-multiplexer. The module can be used to combine two lasers operating at 1310nm & 1550nm or split each wavelength into two-receiver. Alternatively, bi-directional links can be constructed with one end being a 1310nm laser and wideband receiver and the other end being 1550nm laser and wideband receiver. When used with the Prolinx optical transmitter and the appropriate wavelengths, a two channels unidirectional or bi-directional link containing HD, SD or ASI can be transmitted over a single fibre. Each channel is independent of data rate and format.

Specifications

Fiber	Single Mode 9/125um
Connector	SC/PC (other types upon request)
CWDM-2100 (typical)	
Insertion Loss ^①	0.1dB @ 1310nm
Insertion Loss ^②	0.1dB @ 1550nm
Isolation ^③	-22db-25dB @ 1310nm
Isolation ^④	-24db-29dB @ 1550nm

Compatibility

Compatible with all SBC products supporting digital video interfaces

Ordering Information

CWDM-2100	1310nm/1550nm splitter / combiner with SC/PC connectors
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