

## 0602 CWDM MUX

W4120-S



### 8-Channel CWDM MUX/DEMUX Module, 1470/1490/1510/1530/1550/1570/1590/1610 nm

The WDM W4120-S is a 8-channel CWDM MUX/DEMUX module which can achieve line monitoring. It provides low insertion loss, high channel isolation, wide pass band, high stability and reliability and epoxy free optical path. It can be used for access network, WDM network, cellular application and fiber optical amplifier.

#### FEATURES

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

#### USE IN

- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber Optical Amplifier
- Access Network

Channel Number	8							
Channel Pasband	±6.5 nm							
Operating Wavelength	1470	1490	1510	1530	1550	1570	1590	1610
Insertion Loss (Com-nm)	1.43	1.17	1.06	0.91	1.06	1.15	1.00	0.80
Adjacent Channel Isolation	33 dB min.							
Non-adjacent Isolation	52 dB min.							
Polarization Dependent Loss	0.02 dB max.							
Ripple	0.15 dB max.							
Return Loss	45 dB min.							
Directivity	50 dB min.							
Polarization Mode Dispersion	0.1 ps max.							
Power Handling	500 mW max.							
Fiber Type	SMF-28e with 900 μm Loose Tube							
Fiber Length	1.0 m							
Connector Type	SC/APC							
Operating Temperature	-40°C to 85 °C							
Storage Temperature	-40°C to 85 °C							
Package Dimension	100x80x10 mm							