

## 0602 CWDM MUX



### 16-Channel CWDM MUX/DEMUX Module, 1270 nm to 1610 nm

The WDM W4102-S is a compact size 16-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	16 CH		
Center Wavelength	1270 nm to 1610 nm		
Passband	±6.5 nm min.		
Ripple in Passband	0.5 dB max.		
Isolation	Mux	Adjacent	30 dB min.
		Non-adjacent	45 dB min.
	Demux	Upgrade Por	15 dB min.
		Upgrade Por	30 dB min.
		Adjacent	45 dB min.
		Non-adjacent	15 dB min.
Insertion Loss (Channels)	3.5 dB max.		
Polarization Dependent Loss	0.2 dB max.		
Polarization Mode Dispersion	0.1 ps max.		
Return Loss	50 dB min.		
Directivity	55 dB min.		
Power Handling	500 mW max.		
Operating Temperature	-10°C to +70°C		
Package Dimension	53.8x28x8.0 mm		