

## 0601 CWDM Filter



### 1X2 CWDM Device, 1370 nm

The WDM W3105-S is a 1x2 CWDM device 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

#### USE IN

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

|                                       |                |            |
|---------------------------------------|----------------|------------|
| Channel Wavelength                    | 1370 nm        |            |
| Channel Spacing                       | 20 nm          |            |
| Channel Passband (@-0.5 dB Bandwidth) | 13 nm min.     |            |
| Pass Channel Insertion Loss           | 0.6 dB max.    |            |
| Isolation                             | Adjacent       | 30 dB min. |
|                                       | Non-adjacent   | 40 dB min. |
| Reflection Channel Insertion Loss     | 0.4 dB max.    |            |
| Channel Ripple                        | 0.3 dB max.    |            |
| Polarization Dependent Loss           | 0.1 dB max.    |            |
| Polarization Mode Dispersion          | 0.1 ps max.    |            |
| Return Loss                           | 45 dB min.     |            |
| Power Handling                        | 300 mW max.    |            |
| Directivity                           | 50 dB min.     |            |
| Operating Temperature                 | -20°C to +75°C |            |
| Storage Temperature                   | -40°C to +85°C |            |
| Package Dimension                     | 5.5x5.5x38 mm  |            |