



NETS

ООО «Новые Сети»
Проектирование сетей, поставка оборудования,
оптимизация и поддержка IT-инфраструктуры.
<https://newnets.ru>

CWDM Mux/Demux Module

1. Features

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ Low PDL
- ◆ Compact Design
- ◆ Good channel-to-channel uniformity
- ◆ Wide Operating Wavelength:
From 1260nm to 1620nm
- ◆ Wide Operating Temperature:
From -40°C to 85°C
- ◆ High Reliability and Stability



2. Applications

- ◆ CWDM System
- ◆ PON Networks
- ◆ CATV Links



3. Compliance

- ◆ Telcordia GR-1209-CORE-2001
- ◆ Telcordia GR-1221-CORE-1999
- ◆ RoHS

Центральный офис в Москве:
-Тел: +7 (499) 346 00 00

E-mail: info@newnets.ru

Филиал в Новосибирске:
Тел: +7 (383) 376 66 75

4. Specifications

1×N CWDM Mux/Demux Module

| Parameters | | 1x2 | 1x4 | 1x8 | 1x16 |
|----------------------------|----------------------|-------------------------------|---------|---------|------------|
| Center Wavelength (nm) | | ITU, ITU+1 | | | |
| Passband (nm) | | ITU±7.5 | | | |
| Operating Wavelength (nm) | | 1460~1620 or 1260~1620 | | | |
| Channel Space (nm) | | 20 | | | |
| Fiber Type | | SMF-28e or customer specified | | | |
| IL (dB) (P/A Grade) | | 0.7/1.0 | 1.4/1.7 | 2.0/2.5 | 3.5/4.0 |
| Isolation (dB) | Adjacent Channel | 30 | | | |
| | Non-Adjacent Channel | 50 | | | |
| Ripple (dB) | | 0.3 | 0.4 | 0.5 | 0.5 |
| PDL (dB) | | 0.2 | | | |
| PMD (ps) | | 0.1 | | | |
| RL (dB) | | 45 | | | |
| Directivity (dB) | | 50 | | | |
| Maximum Optical Power (mw) | | 500 | | | |
| Operating Temperature (°C) | | -40~85 | | | |
| Storage Temperature (°C) | | -40~85 | | | |
| BOX Package (mm) | | 100*80*10 | | | 140*115*18 |
| LGX Package | | 1U, 2U | | | |
| 19" Rack mount Package | | 1U | | | |

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

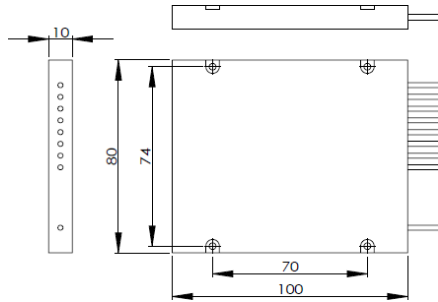


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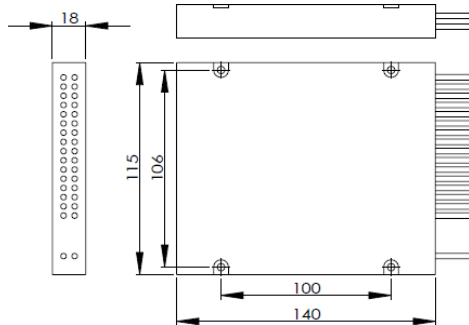
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5. Mechanical Dimensions

CWDM Mux/Demux Module



100X80X10



140X115X18

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