



NETS

ООО «Новые Сети»
Проектирование сетей, поставка оборудования,
оптимизация и поддержка IT-инфраструктуры.
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Coarse Wavelength Division Multiplexing (CWDM)

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
- ◆ ITU-T G.694.2
- ◆ RoHS

4. Specifications

1×2 CWDM Device

Parameters		
Center wavelength (nm)		ITU, ITU+1
Passband (nm)		ITU±6.5
Operating wavelength (nm)		1460~1620 or 1260~1620
Channel Space (nm)		20
Fiber Type		SMF-28e or customer specified
IL (dB)	Transmission band	0.6
	Reflection band	0.4
Isolation (dB)	Transmission band	30
	Reflection band	12
Ripple (dB)		0.3
PDL (dB)		0.1
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
Package Dimension (mm) (Φ×L)		Φ5.5*L34

Notes:

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

5. Mechanical Dimensions

WDM Device

