

DESCRIPTION

The high isolation CWDM with an innovative design is a sophisticated device suitable for all applications demanding high performance.

Designed for Fiber to the home applications and others where multiple fiber optic paths are needed over one fiber.

This highly reliable device will enhance wavelength stability dramatically and meet ITU standards.

Pick the connector needed for your application.

▶ High Isolation 3 channel CWDM

▶ BENEFITS

Fiber to the home solution

ITU Standard frequencies 1310/1490/1550

Epoxy-free Optical Path

▶ FEATURES

Low return and insertion loss

High channel Isolation

Thin Film coating technology



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▶ High Isolation 3 Channel CWDM

SPECIFICATIONS

Optical		General Characteristics	
Operating Wavelength:	1310 nm, +/- 20 1490 nm, +/- 10 1550 nm, +/- 10	Optical Power:	≥ 300 mW
Passband ripple	≤ 0.3 dB	Storage Temp:	-40° to 85° C
Insertion loss without connectors	Typical ≤ 0.7, Max 1.0 dB	Operating Temp:	0° to 65° C
Isolation @ 1310/1490 port	> 20 dB	Packaging Size:	5.5 x 34 mm for coated fiber 5.5 x 39 mm for 900 um cable
Isolation @ 1550 port,	> 40 dB		
Directivity	≥ 50 dB		
Optical Input Return Loss	≥ 45 Db		
Polarization Dependent Loss	≤ 0.05		
Polarization Mode Dispersion	≤ 0.1		
Thermal Stability	≤ 0.005		
Tensile Load	> 5 N		

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
CWDM-FTTX-PZ	3 Channel High Isolation CWDM

Notes:

- Specify P—packaging of the unit: U—IU rack mount, M—modular (standalone) mount, G—LGX type module, L—Loose tube
- Specify Y—connector type: A—SC/APC, B—FC/PC, D—ST/PC, E—SC/UPC, F—LC/UPC, Z—FC/APC
- Due to product enhancements, specifications are subject to change without notice



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