

Special Specifications of WDM

1. Description:

The special specifications of WDM is used in mux and demux, two sets of transmission system of optical signals in a single optical fiber transmission. It adopts a special process, improves the wavelength isolation, to improve the component's character.

2. Features:

- Low insertion loss
- Wide Operating Wavelength
- High Isolation
- Directional well

3. Applications:

- CATV System
- Digital Transmission System

Other capacity optical networks



4. Specifications:

Parameter	High Isolation	Over High Isolation
Operating Wavelength (nm)	1310/1550	
Bandwidth (nm)	± 15	± 30
Wavelength Isolation (dB)	$\cong 40$	$\cong 45$
IL(dB)	$\cong 1.2$	
Directivity (dB)	$\cong 60$	
PDL(dB)	$\cong 0.2$	
Operating Temperature (°C)	0°C~+70°C	
Storage Temperature (°C)	- 40°C~+85°C	
Package Dimension (mm)	112x80x10.5; 130x90x18	