



DCM Card

Product Description

Dispersion slope compensation module which is based on Grating type can achieve a single wavelength dispersion compensation, and have the features such as small size, low insertion loss, light weight and so on. The modules are based on mature and reliable optical fiber technology with excellent performance for optical transmission system.

Product Features

- Low delay
- High integration
- High reliability
- Small size, low insertion loss and light weight
- The insertion loss is not related to the compensation distance

Product Specification

| Parameter | Index | | | | | | | |
|---------------------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------|
| | 20km | 40km | 60km | 80km | 100km | 120km | 200km | 300km |
| Operation wavelength | 1550.12±0.4nm | | | | | | | |
| Dispersion | -340 ps/nm | -680 ps/nm | -1020 ps/nm | -1360 ps/nm | -1700 ps/nm | -2040 ps/nm | -3400 ps/nm | -5100 ps/nm |
| Compensation length | 20km | 40km | 60km | 80km | 100km | 120km | 200km | 300km |
| With insertion loss | ≤3.5dB | | | ≤7dB | | | ≤10.5dB | |
| Card width | 1 standard slot | | | | | | | |
| Maximum power consumption | 3W | | | | | | | |
| Connector type | LC/UPC | | | | | | | |

Note: The compensation length is converted to G.652 fiber.