

Single Channel FBG DCM Module



Product Introduction

Fiber Gratings Dispersion Compensation Module(DCM-FG) provide a cost-effective solution for correcting dispersion impairments in optical transmission systems. Fiber Gratings Dispersion Compensation Module is consisted of Fiber Gratings and Circulator/Coupler. The products are Telcordia GR-1221-CORE qualified, and RoHS compliant.

Features

- Low insertion loss
- High stability
- High compact package

Applications

- SDH/SONET system

Specifications

Parameters	Unit	Value
Center Wavelength @-0.5dB BW ¹	nm	ITU-T Grid
Reflection Bandwidth(-0.5dB)	nm	0.4
Dispersion value ^{1,2} (-0.5dB Bandwidth)	ps/nm	-680、 -1020、 -1360、 -1700
Group Delay Ripple	ps	±25
Insertion Loss ³	dB	3.5(Circulator type) 8.0(Coupler type)
PMD	ps	≤1
Polarization Dependence Loss	dB	≤0.5
Wavelength Stability(-10~70°C)	nm	0.07
Operation temperature	°C	0~65
Storage temperature	°C	-40~85
Package	mm	192X56X15

Notes:1. These specifications could also be customized

2. Dispersion compensation value is designed for G.652 fiber

3. Insertion loss excludes the connectors

Ordering Information

DCM-S- □-□-□-□-□-□

