

Introduction:

Fiberdyne dispersion slope compensation module DCM can compensate the dispersion with optimized residual dispersion for standard single-mode fiber (G.652) in the C-band. The modules based on mature and reliable optical fiber technology with excellent performance for optical transmission system. The products are Telcordia GR-1221-CORE qualified, and RoHS compliant.



Applications:

- - SDH/SONET system
- - DWDM system
- - CATV system
- - Features:
 - 100% slope compensation of G.652 fiber in C-band (Typical)
 - Low Polarization Mode Dispersion.

Features:

- - Compensates standard single-mode optical fiber (G.652)
- - Rack mount
- - Compatible with C-Band DWDM optical channels
- - Low end-to-end insertion loss
- - Variety of compensation lengths, 20km to 120km
- - Reliable, proven fiber based.
- - Operating Temperature $-5 + 70^{\circ} \text{C}$
- - Storage Temperature $-40 + 85^{\circ} \text{C}$

Specifications:

[Technical Data Sheet](#)

[Sample Test Report FDCM120F](#)

Part Number	Description
FDCM020F	Fiber based Dispersion Compensation Module, 20 Km , LC Connectors, C-Band, 1U Rack mount 19"x10"x1.75"
FDCM040F	Fiber based Dispersion Compensation Module, 40 Km , LC Connectors, C-Band, 1U Rack mount 19"x10"x1.75"
FDCM060F	Fiber based Dispersion Compensation Module, 60 Km , LC Connectors, C-Band, 1U Rack mount 19"x10"x1.75"
FDCM080F	Fiber based Dispersion Compensation Module, 80 Km , LC Connectors, C-Band, 1U Rack mount 19"x10"x1.75"
FDCM100F	Fiber based Dispersion Compensation Module, 100 Km , LC Connectors, C-Band, 1U Rack mount 19"x10"x1.75"
FDCM120F	Fiber based Dispersion Compensation Module, 120 Km , LC Connectors, C-Band, 1U Rack mount 19"x10"x1.75"