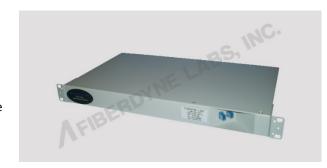
# I FIBERDYNE LABS, INC.

#### 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° C
- Storage Temperature -40 + 85° C

### **Specifications:**

**Technical Data Sheet** 

Sample Test Report FDCM120F

(800) 894-9694

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

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