

FIBERDYNE LABS, INC. DISPERSION COMPENSATION MODULES



Dispersion Compensation Modules

Introduction:

DCM dispersion compensator has the function of slope compensation. It can compensate the dispersion slope of the standard singlemode fiber (G.652) in the C band, which can optimize the residual dispersion. It is based on mature and reliable optical fiber technology, which can improve the performance of the optical transmission system. The dispersion of the 1550nm wavelength can reach -10 to -2100ps/nm and can provide products with special requirements for central wavelength and dispersion.

Features:

- G.652 fiber C band 100% slope compensation (Standard Value)
- Low polarization mode dispersion
- Wide band dispersion compensation for DWDM system
- Performance index through the GR-2854-CORE Telecordia standard certification
- Reliability through the GR-2854-CORE Telecordia standard certification

Specifications:

PDF Version of web page  (pdf/dispersion-compensation-modules.pdf)

Technical Data Sheet  (pdf/dispersion-compensation-modules-spec.pdf)

Sample Test Report FDCM120F  (pdf/Test-Report-FDCM120F.pdf)

Part Number	Description	Price
FDCM020F	Fiber based Dispersion Compensation Module, 20 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order
FDCM030F	Fiber based Dispersion Compensation Module, 30 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order
FDCM040F	Fiber based Dispersion Compensation Module, 40 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order
FDCM050F	Fiber based Dispersion Compensation Module, 50 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order
FDCM060F	Fiber based Dispersion Compensation Module, 60 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order
FDCM080F	Fiber based Dispersion Compensation Module, 80 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order
FDCM100F	Fiber based Dispersion Compensation Module, 100 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order
FDCM120F	Fiber based Dispersion Compensation Module, 120 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order
FDCM0140F	Fiber based Dispersion Compensation Module, 140 Km , LC Connectors, C-Band, 1U Rack mount 19"x11"x1.75"	Call to Order



Dual LGX with SC/APC Connectors

Part Number	Description	Price
FDCML020F	Dual LGX with SC/APC Connectors 5.1"x6.0"x2.28" (HxDxW)	Call to Order
FDCML030F	Dual LGX with SC/APC Connectors 5.1"x6.0"x2.28" (HxDxW)	Call to Order
FDCML040F	Dual LGX with SC/APC Connectors 5.1"x6.0"x2.28" (HxDxW)	Call to Order
FDCML050F	Dual LGX with SC/APC Connectors 5.1"x6.0"x2.28" (HxDxW)	Call to Order
FDCML060F	Dual LGX with SC/APC Connectors 5.1"x6.0"x2.28" (HxDxW)	Call to Order
FDCML070F	Dual LGX with SC/APC Connectors 5.1"x6.0"x2.28" (HxDxW)	Call to Order
FDCML080F	Dual LGX with SC/APC Connectors 5.1"x6.0"x2.28" (HxDxW)	Call to Order

Note: Other Connectors Available

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