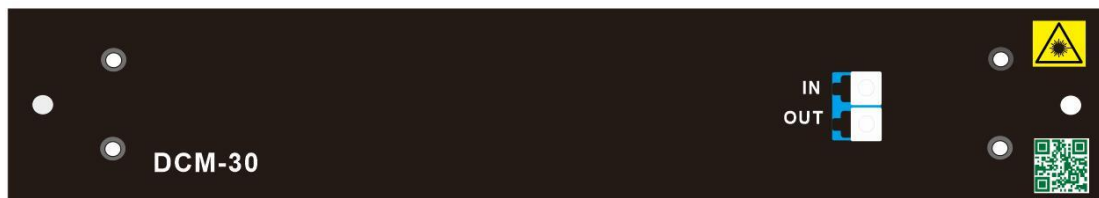


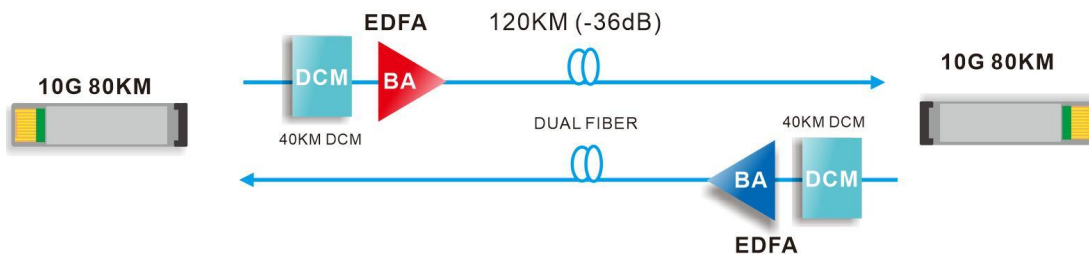
DCM- Dispersion Compensation Fiber Module

Dispersion Compensation Module (DCM) is designed to fix the form of optical signals that are deformed by chromatic dispersion. The main constituent of DCM is DCF (Dispersion Compensation Fiber) with a negative chromatic dispersion value within the wavelength range between 1525nm and 1565nm. The module offers a high level of compensation while maintaining a low flat insertion loss as well as a low latency. When combined with FIBERWDM's EDFA and OEO, DCM provides a simple, reliable, and cost-effective long-haul transport solution, making signals go further without regeneration.

Product Panel



Applications



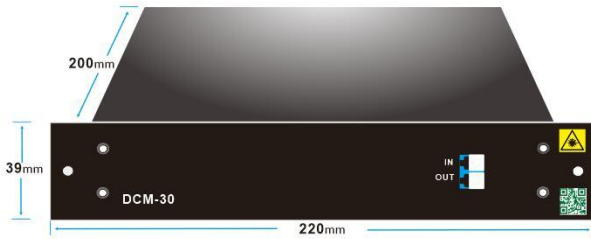
- ◆ Long-distance trunk network
- ◆ DWDM System

Specifications

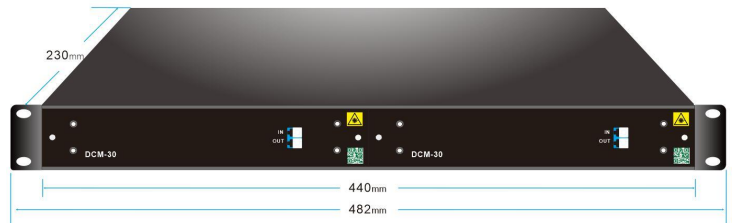
Parametre		Unit	Value		
			mim	typical	max
Dispersion Value	10KM	ps/nm	-320	-318	-340
	20KM		-336	-330	-346
	40KM		-650	-670	-690
	60KM		-970	-1000	-1030
	80KM		-1300	-1340	-1380
	100KM		-1630	-1680	-1730

	120KM		-1950	-2010	-2070
Center wavelength		nm		1550.12	
Reflection Bandwidth(0.5dB)		nm		0.4	
Insertion loss	20KM	dB			3.5
	40KM				5.2
	60KM				6.8
	80KM				8.0
	100KM				9.5
	120KM				11.5
PMD		ps			1.0
PDL		dB			0.5
Wavelength Stability		nm			0.07
Package		Module			
		1U rack			

Package Information



DCM LGX Box Module



2-slot 1U Rack, support plug in 2 DCM Module

Order Information

Product No.	Product description
DCM-10KM	DCM 10KM LC/UPC Plug-in LGX Box
DCM-20KM	DCM 20KM LC/UPC Plug-in LGX Box
DCM-30KM	DCM 30KM LC/UPC Plug-in LGX Box
DCM-40KM	DCM 40KM LC/UPC Plug-in LGX Box
DCM-60KM	DCM 60KM LC/UPC Plug-in LGX Box
DCM-80KM	DCM 80KM LC/UPC Plug-in LGX Box
DCM-100KM	DCM 100KM LC/UPC Plug-in LGX Box
DCM-120KM	DCM 120KM LC/UPC Plug-in LGX Box
1U02-2LGX	19" inch 1U rack with 2 slot for Plug-in LGX box, 440*230*44mm