

DCM- Dispersion Compensation Fiber Module DCM-G-652-100%

DCM product is specifically designed for correcting dispersion impairments in long-distance transmission system. It is higher performance and lower cost than optical fiber DCM.



Features

The DWDM system wide band dispersion compensation and low residual dispersion;

The G.652 fiber C band 100% slope compensation (standard value);

The low insertion loss;

The low polarization mode dispersion;

Telcordia GR-2854-CORE standard certification by the performance index;

The reliability of the GR-1221-CORE certification by Telcordia;

To provide different packaging styles, types of connectors and jumper length.

Applications

The G.652 standard single-mode fiber long haul and Metro Communication System

The DWDM transmission system

The SDH transmission system

The CATV cable television system

The dispersion adjustment

Specifications

Parametre		Unit	Value		
			mim	typical	max
Dispersion Value	20KM	ps/nm	-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		266*236*43mm (Module)			
		1U rack			

Order Information

DCM	---	C	-----	SMF	-----	80	-----	FC/UPC	-----	M
		C-band		G652 SM		40KM		connector		M: module
						60KM		FC/UPC		R: 1U rack
						80KM		SC		
						100KM		LC		
						120KM				