

## **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	80km	ps/nm	-1300	-1340	-1380
Center wavelength		nm		1550.12	
Reflection Bandwidth(0.5dB)		nm		0.4	
Insertion loss	80KM	dB			8.0
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				