

Features

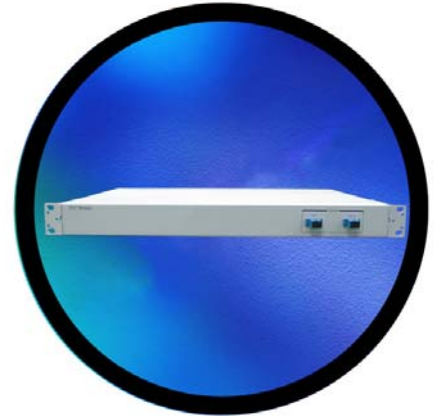
- * Low insertion loss
- * Low PMD
- * Robust and compact package

Applications

- * High speed transmission systems
- * Long-haul telecommunication systems

Description

GIP Technology Dispersion Compensation Modules (DCMs) are designed to compensate the dispersion of conventional G.652 fiber or other transmission fibers having a positive dispersion that occurs in long-haul optical transmission systems. These products offer superior polarization mode dispersion (PMD) performance and a negative dispersion slope, allowing a DWDM or long-haul system to maintain signal integrity over great distances.



Low insertion loss and PMD make the product ideal for long-haul telecommunication systems as well as DWDM transport.

The compact 1U mountable unit serves the area size and can be, easily, embedded in the EIA 19 and 23-inch cabinet rack.

Specifications

Optical Information		Unit	Description			
Length of G.652 compensated*		km	10	40	80	100
Dispersion @1550nm		ps/nm	-170 ± 2%	-680 ± 2%	-1360 ± 2%	-1700 ± 2%
Insertion loss @1530~1565 nm	Max.	dB	2.0	4.0	6.5	8.0
	Max.	ps	0.4	0.6	0.65	0.7
Relative dispersion slope @1550nm		nm ⁻¹	0.0036 ± 20%			
PDL	Max.	dB	0.1			
Connector			SC or FC			
Mechanical Information						
Dimension			19" and 23"			

* Other compensated lengths also available by request.



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