

Dispersion Compensation Module

■ Feature:

- Optimized performance for DWDM system
- Wide pass band (1525~1565nm)
- Very suitable for conventional SMF-28 (ITU G.652) fiber
- High Stability and Reliability
- Fully passive and Environmentally robust

■ Application:

- Multi-channel 10G/40G DWDM system networks
- Long-reach metropolitan networks
- CATV networks (working on C-band)
- Long-haul communications fiber optical system

■ Key Optical Performance Parameters:

Product Code	Dispersion*	Insertion Loss **	WDL	PDL	Average PMD ***
	1525nm~1565nm				
	Ps/nm	dB	dB	dB	ps
DCM-20	-330±12	3.4	0.5	0.1	0.4
DCM-40	-658±20	5.2	0.55	0.1	0.5
DCM-60	-985±26	6.8	0.6	0.1	0.6
DCM-80	1315±30	8.3	0.7	0.15	0.7
DCM-100	1644±40	9.7	0.75	0.15	0.9
DCM-120	-1980±50	10.9	0.8	0.15	1.1
DCM-160	-2670±80	13.1	1.1	0.18	1.4

* Dispersion is measured at 1545nm.

** Including two SC or FC connectors.

*** PMD is an averaged value over the wavelength range using the Jones Matrix method.

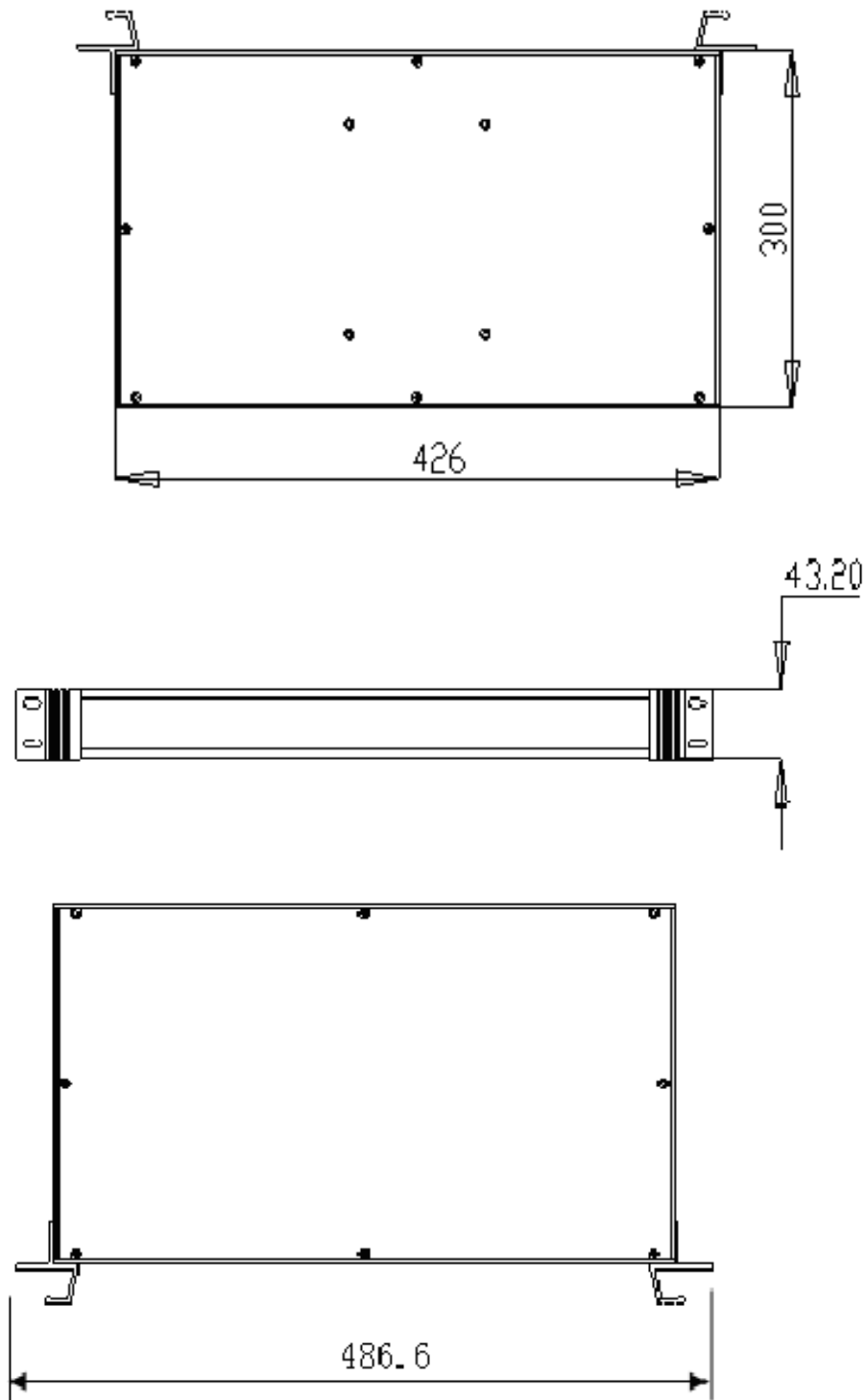
SNR-DCM-XX

Dispersion Compensation modules

■ General Specifications:

Items	Unit	Specifications
Operating Wavelength	nm	1525~1565
SBS Threshold	dBm	> 4
Connector Return Loss	dB	UPC: > 45 APC: > 60
Module Return Loss	dB	>27
I/O Pigtail Type		SMF-28e
Connector Type		SC/UPC, SC/APC, FC/UPC, FC/APC
Dimensions	mm	1U Chassis: 486.6x300x43.2mm
Operating Temperature	°C	-10~70
Storage Temperature	°C	-40~85
Relative Humidity		5%~90%

■ Package Dimensions:



SNR-DCM-XX

Dispersion Compensation modules

■ Ordering Information:

SNR-DCM — [] — [] — []

Compensation Distance	Fiber Type	Connectors
20=20km 40=40km 60=60km 80=80km 100=100km	1=For G652 Fiber 2=For Other Fiber	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=Other

GUARANTEE:



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