



Flashlink

DCM-G652-80

Dispersion compensation module

The Flashlink DCM-G.652-80 is a fixed chromatic dispersion compensation module used for high speed signals, such as 10GbE, transported over 80km on ITU-G.652 type fiber.

The module offers a high level of compensation while maintaining an ultra low flat insertion loss as well as a low latency.

The DCM is a narrow bandwidth device, and will only work for DWDM systems.

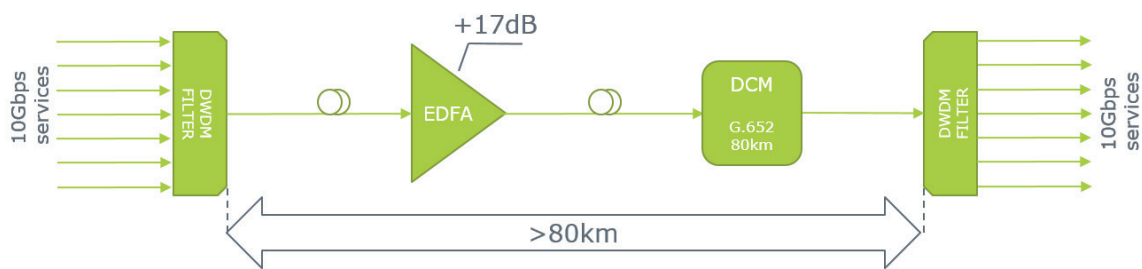
The unit is a passive optical device that fits in the Modular Flashlink frames, as well as the single unit enclosure N-BOX.

Applications

- DWDM systems
- 10GbE transport
- Long distance transport
- EDFA systems

Key features

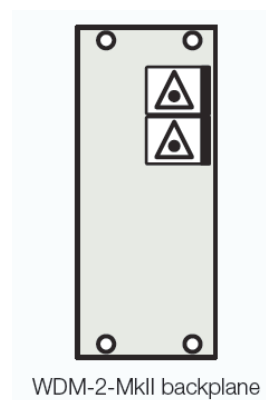
- Modular design
- Low loss, < 3dB
- Low latency, < 25ns
- SC/UPC connectors



Specifications

Optical

First channel	196.3THz/1527.216nm
Last channel	191.3THz/1567.133nm
Connector	SC/UPC
Insertion loss	3.5dB max
Insertion loss uniformity	0.7dBm max
Interchannel IL uniformity	0.6dBm max
Channel spacing	100GHz
Passband	+/- 17.5GHz
Compensated length	80km
Dispersion first channel	-1238ps/nm +/- 3%
Dispersion last channel	-1473ps/nm +/- 3%
Return loss	40dB min
PMD	0.7dB max
PDL	0.3dB max
Operating temperature	0 - 55 oC
Storage temperature -	40 - 85 oC
Optical power	300mW max



WDM-2-MkII backplane



CONTACT INFORMATION

The Americas

ussales@nevion.com +1 (805) 247-8560

Asia Pacific

asiasales@nevion.com +65 6872 9361

Europe and Africa

sales@nevion.com +47 33 48 99 99 / +47 22 88 97 50

Middle East

middle-east@nevion.com +971 (0)4 3901018

UK

uksales@nevion.com +44 118 9735831

nevion.com