



SEPITAM

ONE STEP SMARTER

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SEPITAM
DCM60-C



TYPE:

Sepitam-DCM60-C

Sepitam WDM multiplexers, including CWDM and DWDM, support various transmission rates and long-distance coverage while utilizing standard wavelengths. They enable the high-speed transmission of multiple services with optimized fiber utilization. Integration with OTN networks and the deployment of various modules such as EDFA, DCM, OTU, and etc. enhance the efficiency and performance of fiber optic networks, ensuring the quality and speed required by customers.

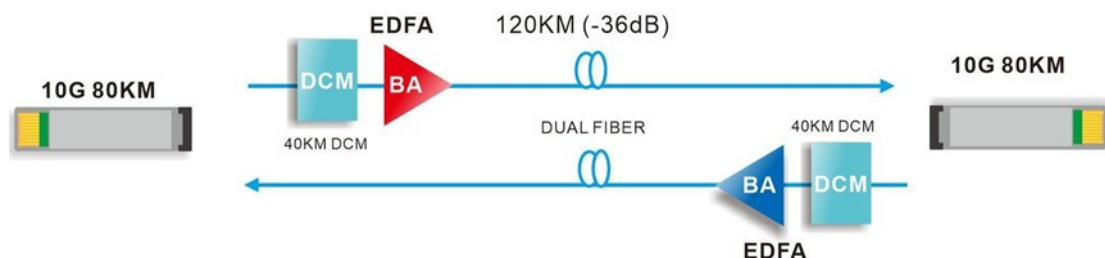


► TYPE: SEPITAM-DCM60-C

► Description:

Dispersion Compensation Module (DCM) is designed to fix the form of optical signals that are deformed by chromatic dispersion. The main constituent of DCM is DCF (Dispersion Compensation Fiber) with a negative chromatic dispersion value within the wavelength range between 1525nm and 1565nm. The module offers a high level of compensation while maintaining a low flat insertion loss as well as a low latency. When combined with Sepitam's EDFA and OTU, DCM provides a simple, reliable, and cost-effective long-haul transport solution, making signals go further without regeneration.

► Applications:



- Long-distance trunk network
- DWDM System



► Specifications:

Model	Sepitam-DCM60-C
Dispersion Value(ps/nm)	Min: -990 Typical: -1020 Max:: -1050
Compensation Distance	60Km
Center wavelength(nm)	1550.12
Reflection Bandwidth(0.5dB)(nm)	0.4
Insertion loss(dB)	6.8
Polarization Mode Dispersion(ps)	1.0
Polarization Dependent Loss(dB)	0.5
Wavelength Stability(nm)	0.07

Technical Specification of Sepitam-DCM60-C



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