

Low Profile Ultra Light Optical Amplifier

PCDM

Product Description:

Plexstar® PCDM-20, PCDM-40, PCDM-60, and PCDM-80 are Dispersion Compensation Module (FSDCM) that provides negative dispersion for Dense Wavelength Division Multiplexing (DWDM) transmission systems and can be used to compensate dispersion on standard single-mode optical fiber (SMF) across entire C-Band.

Application/Use:

- Dispersion compensation for extended reach application
- Dispersion compensation for entire C- Band 1528nm ~ 1561nm of all 40 lambdas of 2.5G and 10G traffic with 100GHz channel spacing



Features:

- 100% slope compensation of G.652 fiber in C-band (Typical) Low Polarization Mode
- Compensates dispersion in standard single-mode optical fiber (G.652)
- Compatible with C-Band DWDM optical channels
- Low end-to-end insertion loss
- Variety of compensation lengths

Power:

- Input power: 110/220VAC or -48VDC
- Power consumption: 60 watts
- Dual power input

Physical Dimension:

- Size: 19" x 11" x 1U
- Weight: 5 lbs