1550nm Intelligent Directly Modulated Optical Transmitter

Model: NCM-1550-DM

Features

- High-performance DFB laser, output wavelength can be ITU standard wavelength.
- Adopt patent pre-distortion technology, the RF drive total power is adaptive.
- LCD display on the front panel, support Ethernet transponder.
- 19”1U standard rack, hot pluggable dual power modules (optional).



1550nm Intelligent Directly Modulated Optical Transmitter

Unless otherwise noted, the above specifications reflect typical device performance at stated reference levels in the recommended operating configuration(s). Specifications are subject to change without notice.

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NCM Supplies Inc.
8125 NW 64th ST. Miami, Florida 33166
Phone: 305-640-0461 Fax: 305-639-2684
ncm@ncmsupplies.com | www.ncmsupplies.com

1550nm Intelligent Directly Modulated Optical Transmitter

Model: NCM-1550-DM

Description

NCM-1550-DM intelligent directly modulated optical transmitters are mainly used in 1550nm optical fiber transmission system. Adopt advanced Electronic Dispersion Compensation technology, accurately compensate according to the actual transmission distance by 1km stepping. The maximum compensated distance is up to 50km.

Specifications (standard, can be ODM)

-**Optical Output Wavelength:** 1550±10nm or ITU wavelength
-**Optical Output Power:** 10mW
-**Frequency Range:** 47 ~ 1003MHz
-**Input Level Range:**75 ~ 85dBμV
-**AGC Control Range:** +/- 5dB
-**MGC Adjustable Range:** 0 ~ 20dB
-**Dispersion Compensation Distance:** ≤50KM
-**C/N:** ≥ 50dB; C/CTB: ≥ 65dB
-**C/CSO**: ≥ 60Db

Note 1: The test conditions of the above link indicators are: the tested optical transmitter+25km standard fiber+ standard optical receiver, the received optical power of optical receiver is -1dBm.

General Features

-**Consumption:** ≤ 60W
-**Operating Temperature:** 0~+45℃
-**Operating Voltage:** DC -48V or AC 110 ~ 250V (50Hz)
-**Dimension:** 483mm(L)X 395mm(W)X 44mm(H)

Note 2: More detailed product introduction and index parameters see the product manual.

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