1550nm External Modulated Optical Transmitter

Model: NCM-1550-EM30

Features

- This 1550nm optical transmitter can be used in long-distance transmission.
- Double microwave source SBS control, +13～+19dBm continuously adjustable, 0.5dB stepping.
- Adopt the newest DFB laser and JDSU LiNbO3 external modulator.
- LCD display on the front panel, support Ethernet transponder, support WEB and SNMP
- 19″1U standard rack, can be equipped with hot backup dual power modules (optional).



1550nm External 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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1550nm External Modulated Optical Transmitter

Model: NCM-1550-EM30

Description

NCM-1550-EM30 series 1550nm external modulated optical transmitters are mainly used in 1550nm optical fiber transmission system. This is the third time improved type and the specifications are as good as the international first brand or better. It can coordinate with multistage EDFA to realize long-distance transmission.

Specifications (standard, can be ODM)

-**Optical Output Wavelength:** 1545～1560nm
-**Wavelength Adjustable Range**: +/- 50GHz
-**SBS Threshold Value:** +13 ~ +19 dBm (continuously adjustable)
-**Frequency Range:** 47 ~ 1003MHz
-**Input Level Range:** 78 ~ 96dBμV
-**AGC Control Range:** +/-3dB
-**MGC Adjustable Range**: 0 ~ 15dB
-**C/N**: ≥ 52dB; C/CTB**:** ≥ 65dB; C/CSO: ≥ 65dB
-**Laser Linewidth:** 0.65 MHz (EM10); 0.3 MHz (EM20&EM30)
-**Optical Output Power:** 1X3dBm, 1X5dBm and 1X6dBm (EM10);
2X7dBm, 2X8dBm, 2X9dBm and 2X10dBm (EM20&EM30)

General Features

-**Consumption:** ≤ 60W
-**Operating Temperature:** -5~+45℃
-**Operating Voltage:** DC 36~72V or AC 90 ~ 265V (50Hz)
-**Dimension:** 483mm (L) X455mm (W) X 44mm (H)

Note 1: The technical index test conditions are in accordance with < GY/T 143-2000 Specifications and methods of measurement on AM optical transmitter and receiver used in CATV Systems >.
Note 2: More detailed product introduction and index parameters see the product manual.

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