



Technical Parameter

- The output ports 1/2/4/8 is optional, which can realize the CATV+PON network construction.
- Standard network management interface, in line with SNMP network management protocol.

| Items                             |             | unit | Technical Parameters     | Note                                                      |
|-----------------------------------|-------------|------|--------------------------|-----------------------------------------------------------|
| Working wavelength                |             | nm   | 1535~1565                | Center wavelength<br>1550                                 |
| Input optical power range         |             | dBm  | -10dBm~ +10dBm           | Nominal input +3dBm                                       |
| Output optical power range        |             | dBm  | (13~26)dBm               |                                                           |
| Output power stability            |             | dBm  | ±0.1                     |                                                           |
| Noise Figure                      |             | dB   | ≤ 5.0                    | @+0dBminput,<br>λ=1550nm                                  |
| Return Loss                       | Input side  | dB   | ≥ 45                     |                                                           |
|                                   | Output side | dB   | ≥ 45                     |                                                           |
| Optical connector type            |             |      | FC/APC &SC/APC&LC/APC    | Customizable                                              |
| C/N                               |             | dB   | ≥ 50                     | Test conditions are performed according to GT/T 184-2002. |
| C/CTB                             |             | dB   | ≥ 65                     |                                                           |
| C/CSO                             |             | dB   | ≥ 65                     |                                                           |
| Supply Voltage                    |             | V    | 220V(AC90V~265V)         | Optional DC or UPS                                        |
| Total power consumption           |             | W    | ≤ 20                     |                                                           |
| Range of working temperature      |             | ℃    | -5 - +42                 |                                                           |
| Maximum working relative humidity |             | %    | Up to 95% non-condensing |                                                           |
| Storage temperature range         |             | ℃    | -30 ~ +70                |                                                           |
| Maximum storage relative humidity |             | %    | Up to 95% non-condensing |                                                           |
| Dimensions                        |             | mm   | 482(W)*356(D)*44(H)      | Not include handles                                       |