

Base Part Number

SFP-CWDM-160

## Product Features

- Form Factor SFP
- Speed 1.25Gbps
- Distance 160km
- Operating Temperature Commercial: 0°C to +70°C
- Connector Type Duplex LC
- Fiber Type SMF



## Brand Compatibility

## Applications

- Switch to Switch Interface
- Gigabit Ethernet
- Switched Backplane Applications
- Router/Server Interface
- Other Optical Links

## OEM Equivalent Part Number

## Key Specifications

| Part Type    | Max Data Rate | Fiber Type | Transmitter         | Output Power | Receiver Sensitivity | Power Supply | Power Dissipation | DDM |
|--------------|---------------|------------|---------------------|--------------|----------------------|--------------|-------------------|-----|
| SFP-CWDM-160 | 1.25Gbps      | SMF        | 1270nm - 1610nm DFB | 1 to 6dBm    | -33dBm               | 3.3V         | 1W                | Yes |

\* See page 2 for full CWDM ITU Channel list.

## Compliance

SFF-8472

## Qualifications and Testing

- **Manufacturer:** OEM equivalent part; designed, tested, fabricated to supplier specifications following ISO certified processes. RoHS compliant & class 1 laser certified.
- **Supplier:** 100% compatibility tested in the listed brands.
- **Order:** All parts are tested for traffic functionality per supported layer 2/3 protocol, DOM/DDM threshold and calibration, EEPROM MSA value verification, serial number verification & optical cleanliness.

## Warranty

- Lifetime replacement warranty

## CWDM ITU Channel List

| Channel Number | Wavelength | Color code |
|----------------|------------|------------|
| 27             | 1270nm     |            |
| 29             | 1290nm     |            |
| 31             | 1310nm     |            |
| 33             | 1330nm     |            |
| 35             | 1350nm     |            |
| 37             | 1370nm     |            |
| 39             | 1390nm     |            |
| 41             | 1410nm     |            |
| 43             | 1430nm     |            |
| 45             | 1450nm     |            |

| Channel Number | Wavelength | Color code |
|----------------|------------|------------|
| 47             | 1470nm     | violet     |
| 49             | 1490nm     | grey       |
| 51             | 1510nm     | blue       |
| 53             | 1530nm     | green      |
| 55             | 1550nm     | yellow     |
| 57             | 1570nm     | orange     |
| 59             | 1590nm     | red        |
| 61             | 1610nm     | brown      |