



Part Number: 377.1446.00

Optical Transceiver QSFP28 ETH 100G 80km

PRODUCT DESCRIPTION

377.1446.00

Optical Transceiver QSFP28 ETH 100G 80km

FEATURES

QSFP28 Optical Transceiver for 100G bps, with a typical range of 80 km.

Compatibilities:

IEEE Compatibility : 100GBASE-ZR4

Datacom Compatibility: DM-QSFP28-B3027-80

ITU Compatibility:

RoHS Compatibility: Directive 2011/65/EU and 2015/863/EU

OTHER FEATURES

| | |
|--|---|
| Form Factor | QSFP28 |
| Interface | Optical Transceiver |
| Conformities | ETH |
| Fiber Type | Singlemode |
| Fiber Quantity | One |
| Connector Type | LC/UPC |
| Digital Diagnostics | Yes |
| LOS | No |
| Tunable | No |
| MultiRate | No |
| W.D.M.* | |
| W.D.M. Channel * | |
| Bi-directional complementary part number * | 377.1445.00 |
| Typical range (km) | 80 |
| Extended range * (km) | |
| Forward Error Correction* | It is mandatory to enable FEC CL91 on both sides of the host switches for proper operation of this optical transceiver model |

* If applicable

OPERATIONAL CONDITIONS

| PARAMETER | MINIMUM | TYPICAL | MAXIMUM | UNIT |
|-----------------------|---------|---------|---------|------|
| Operating Temperature | 0 | | 70 | °C |
| Overload | | | -7 | dBm |

OPTICAL TRANSMISSION PARAMETERS

| PARAMETER | MINIMUM | TYPICAL | MAXIMUM | UNIT |
|------------------------|---------|---------------------------------------|---------|-------|
| Transmission power | 2 | | 6 | dBm |
| Extinction Ratio | 6 | | | dB |
| Wavelength | | 1295.56, 1300.05, 1304.58, 1309.14 | | nm |
| Spectral Width * | | | | nm |
| Dispersion Tolerance * | | | | ps/nm |
| Laser | | EML | | |

OPTICAL RECEPTION PARAMETERS

| PARAMETER | MINIMUM | TYPICAL | MAXIMUM | UNIT |
|-------------|---------|---------------------------------------|---------|------|
| Wavelength | | 1273.55, 1277.89, 1282.26, 1286.66 | | nm |
| Sensitivity | | | -26 | dBm |
| Overload | | | -7 | dBm |

EYE SAFETY

This is a Class1 Laser Product.

DATAKOM

Rua América, 1000 | 92990-000 | Eldorado do Sul | RS | Brasil
+55 51 3933 3000
www.datacom.com.br