



## Part Number: 377.0819.00

Optical Transceiver SFP+ ETH 10G 80km

### PRODUCT DESCRIPTION

# 377.0819.00

Optical Transceiver SFP+ ETH 10G 80km

## FEATURES

SFP+ Optical Transceiver for 10G bps, with a typical range of 80 km.

Compatibilities:

IEEE Compatibility : 10GBASE-ZR(BX)

Datacom Compatibility: DM-SFP10G-B4955-80

ITU Compatibility:

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

## OTHER FEATURES

|  |                     |
|--|---------------------|
| Form Factor                                | SFP+                |
| Interface                                  | Optical Transceiver |
| Conformities                               | ETH                 |
| Fiber Type                                 | Singlemode          |
| Fiber Quantity                             | One                 |
| Connector Type                             | LC/UPC              |
| Digital Diagnostics                        | Yes                 |
| LOS  | No                  |
| Tunable                                    | No                  |
| MultiRate                                  | Yes                 |
| W.D.M.*                                    |                     |
| W.D.M. Channel *                           |                     |
| Bi-directional complementary part number * | 377.0820.00         |
| Typical range (km)                         | 80                  |
| Extended range * (km)                      |                     |
| Forward Error Correction*                  | --                  |

*\* 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     | 0       |         | 4       | dBm   |
| Extinction Ratio       | 8.2     |         |         | dB    |
| Wavelength             |         | 1490    |         | nm    |
| Spectral Width *       |         |         | 1       | nm    |
| Dispersion Tolerance * | 1600    |         |         | ps/nm |
| Laser                  |         | EML     |         |       |

## OPTICAL RECEPTION PARAMETERS

| PARAMETER   | MINIMUM | TYPICAL | MAXIMUM | UNIT |
|-------------|---------|---------|---------|------|
| Wavelength  |         | 1550    |         | nm   |
| Sensitivity |         |         | -21     | dBm  |
| Overload    |         |         | -7      | dBm  |

## EYE SAFETY

This is a Class1 Laser Product.

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