

# DWDM SFP 10G 80KM SM LC, DDM

Optical Transceiver, SFP,10G,DWDM,80KM,LC

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## Variants

CH 33 CH 46 CH 49 CH 52 CH 40 CH 31 CH 51 CH 36 CH 30 CH 48 CH  
34 CH 50 CH 45 CH 35 CH 32 CH 47 CH 29 CH 38 CH 39 CH 37

## Details

### SFP-DW<sub>xx</sub>TG-80DC

10.3Gbps SFP+ DWDM Transceiver, Single Mode, 80km Reach

## Product Features

? Supports up to 10.7Gbps bit rates

? Hot-pluggable SFP+ footprint

? 100GHz ITU, C Band DWDM Cooled EML laser and APD photodiode, Up to 80km for SMF transmission

? Compliant with SFP+ MSA and SFF-8472 with duplex LC receptacle

? Compatible with RoHS

? Single +3.3V power supply

? Real Time Digital Diagnostic Monitoring

? Operating case temperature:

Standard: 0 to +70°C

## **Applications**

? 10Gbps DWDM Optical systems ? 10GBASE-ZR at 10.3125Gbps ? 10GBASE-ZW at 9.953Gbps  
? LTE systems

? Other Optical links

## **Description**

The SFP+ transceivers are high performance, cost effective modules supporting data rate of 10Gbps and 80km transmission distance with SMF.

The transceiver consists of three sections: a Cooled EML laser transmitter, a APD photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety requirements.

The transceivers are compatible with SFP Multi-Source Agreement and SFF-8472 digital diagnostics functions.