

1.25G Optical Module



NT-SFP-1.25G-550m

NT-SFP-1.25G-550m is a 1.25Gbps 550m Duplex LC SFP transceiver.

Product Features

- ✓ Up to 1.25Gbps Data rate
- ✓ 850nm VCSEL Laser and PIN photo detector
- ✓ Duplex LC receptacle optical interface
- ✓ Single +3.3V power supply
- ✓ Hot-pluggable
- ✓ AC coupling of LVPECL signals
- ✓ International Class1 laser safety certified
- ✓ Operating temperature range:
 - ✓ Commercial: 0°C ~+70°C
- ✓ RoHS Compliant
- ✓ DDMI function available with internally calibrated mode

Applications

- ✓ 1000Base-SX Ethernet

Standards

- ✓ Compliant with MSA SFP specification
- ✓ Compatible with IEEE802.3
- ✓ Compliant with SFF-8472
- ✓ Compliant with FC-PI v2.0

NT-SFP-1.25G-10km



NT-SFP-1.25G-10km is a 1.25Gbps 10km LC Duplex SFP transceiver.

Product Features

- ✓ Up to 1.25 Gbps data rate
- ✓ 1310nm FP Laser and PIN photo detector
- ✓ Duplex LC receptacle optical interface compliant
- ✓ Single +3.3V power supply
- ✓ Hot-pluggable
- ✓ AC coupling of LVPECL signals
- ✓ International Class1 laser safety certified
- ✓ Operating temperature range:
- ✓ Commercial:0°C ~+70°C
- ✓ RoHS Compliant
- ✓ DDMI function available with internally calibrated mode

Applications

- ✓ Gigabit Ethernet
- ✓ Gigabit Fiber Channel
- ✓ Switch to switch interface
- ✓ Switched backplane applications

Standards

- ✓ Compliant with SFP MSA (INF-8074i)
- ✓ Compliant with SFF-8472
- ✓ Compatible with IEEE802.3ah 2004

NT-BIDI-1.25G-20km-A/B



NT-BIDI-1.25G-20km-A/B is a 1.25Gbps 20km LC BIDI SFP transceiver.

Product Features

- ✓ Up to 1.25Gbps Data rate
- ✓ 1550nm DFB Laser and PIN photo detector for NT-BIDI-1.25G-20km-A
- ✓ 1310nm FP Laser and PIN photo detector for NT-BIDI-1.25G-20km-B
- ✓ Simplex LC receptacle optical interface compliant
- ✓ Single +3.3V power supply
- ✓ Hot-pluggable
- ✓ AC coupling of LVPECL signals
- ✓ International Class1 laser safety certified
- ✓ Operating temperature range:
- ✓ Commercial: 0°C ~+70°C
- ✓ RoHS Compliant
- ✓ DDMI function available with internally calibrated mode

Applications

- ✓ Gigabit Ethernet
- ✓ Gigabit Fiber Channel
- ✓ Switch to switch interface
- ✓ Switched backplane applications

Standards

- ✓ Compliant with SFP MSA (INF-8074i)
- ✓ Compliant with SFF-8472
- ✓ Compatible with IEEE802.3ah