

ITSEXPRESS

ITS - SFP Single Mode Family

"ITS Solutions For The Future"



The SFP transceiver is high performance, cost effective module supporting dual data-rate of 1.25Gbps/1.0625 Gbps and from 10km to 150km transmission distance with SMF.

- 1310nm FP laser and PIN photo
- Operating temperature -20 to +100°C
- Dual data-rate of 1.25Gbps/1.0625 Gbps operation
- 10k-20k-40k-60k-80k-120-150k transmission with SMF
- Available with optical monitoring (-om series)
- Standard serial ID compatible with SFP MSA
- SFP MSA Package with duplex LC connector
- Spring-Latch for high density applications
- Very low EMI and excellent ESD protection
- Multiple frequency options available
- +3.3V Single power supply

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Features

- Dual data-rate of 1.25Gbps/1.0625 Gbps operation
- 1310-1550nm FP laser and PIN photo detector
- 10k-20k-40k-60k-80k-120-150k transmission with SMF
- Standard serial ID information compatible with SFP MSA
- SFP MSA package with duplex LC connector
- With Spring-Latch for high density application
- Very low EMI and excellent ESD protection
- +3.3V single power supply
- Operating case temperature: -20 to +100°C

Applications:

Single-Mode

- SFP, 1.25 Gbps Gigabit Ethernet,1310nm, 10km
- SFP, 1.25 Gbps Gigabit Ethernet,1310nm, 10km UHT
- SFP, 1.25 Gbps Gigabit Ethernet,1310nm,10km, UHT,OM
- SFP, 1.25 Gbps Gigabit Ethernet,1310nm, 20km
- SFP, 1.25 Gbps Gigabit Ethernet, 1310nm, 20km UHT
- SFP, 1.25 Gbps Gigabit Ethernet,1310nm, 20km, UHT,OM
- SFP, 1.25 Gbps Gigabit Ethernet,1310nm, 40km
- SFP, 1.25 Gbps Gigabit Ethernet,1310nm, 40km UHT
- SFP, 1.25 Gbps Gigabit Ethernet,1310nm, 40km, UHT,OM
- SFP, 1.25 Gbps Gigabit Ethernet,1490nm, 40km, UHT,OM
- SFP, 1.25 Gbps Gigabit Ethernet,1490nm, 80km, UHT,OM
- SFP, 1.25 Gbps Gigabit Ethernet,1550nm, 80km, UHT,OM
- SFP, 1.25 Gbps Gigabit Ethernet,1550nm, 120km UHT,OM
- SFP, 1.25 Gbps Gigabit Ethernet,1550nm, 120km, UHT,OM

Regulatory Compliance

Table 1 - Regulatory Compliance

MIL-STD-883E, Method 3015.7 Class 1(>500 V) IEC 61000-4-2 GR-1089-CORE
FCC Part 15 Class B EN55022 Class B (CISPR 22B) VCCI Class B FDA 21CFR 1040.10
and 1040.11 EN60950, EN (IEC) 60825-1,2 2002/95/EC 4.1&4.2

- Switch to Switch interface
- Switched backplane applications
- Router/Server interface
- Other optical transmission systems

Standard

- Compatible with SFP MSA
- Compatible with IEEE 802.3z
- Compatible with ANSI specifications for Fiber Channel
- Compatible with FCC 47 CFR Part 15, Class B
- Compatible with FDA 21 CFR 1040.10 and 1040.11, Class I
- Compatible with Telcordia GR-468-CORE
- RoHS compliance

SFP, 1.25 Gbps Gigabit Ethernet,1550nm, 150km UHT. OM

Single-Mode Single Strand LC connector

SOLD IN PAIRS

1000BASE-BX20-D SFP , 1310-nm TX/1550-nm RX, UHT, OM

1000BASE-BX20-D SFP , 1310-nm TX/1550-nm RX, UHT, OM

SOLD IN PAIRS

1000BASE-BX40-D SFP , 1310-nm TX/1550-nm RX, UHT, OM

1000BASE-BX40-D SFP , 1310-nm TX/1550-nm RX, UHT, OM

SOLD IN PAIRS

1000BASE-BX20-D SFP , 1310-nm TX/1490-nm RX, UHT, OM

1000BASE-BX20-D SFP , 1490-nm TX/1310-nm RX, UHT, OM

SOLD IN PAIRS

1000BASE-BX40-D SFP , 1310-nm TX/1490-nm RX, UHT, OM

1000BASE-BX40-D SFP , 1490-nm TX/1310-nm RX, UHT, OM

Other frequency's available