

SFP – Small Form Pluggable Ethernet Modules

FEATURES:

- Industry Standard Modules
- IEEE 802.3z Compliant Models
- Multi-Source-Agreement Compatible
- Class 1 laser product, complies with EN60825-1
- Hot Swappable/Plug and Play
- One or Two Fiber LC or RJ45
- Singlemode or Multimode
- Long or Short Wavelength
- CWDM Wavelengths Available
- Metal Package with Release Latch
- Industrial Temperature Range -40C to +85C



| AFI Part Number | Mbps | Transmission Medium | Tx | Rx | Max Path Length | Loss Budget (dBm) | Number Fibers | Receptacle Type | IEEE Designation |
|--------------------------|-------------|-----------------------------|--------|--------|--------------------|-------------------|---------------|-----------------|------------------|
| Copper | | | | | | | | | |
| SFP-TX | 10/100/1000 | Copper | N/A | N/A | IEEE802.3 | N/A | N/A | RJ45 | TX |
| Multimode | | | | | | | | | |
| SFP-FX | 100 | Multimode 62μ | 1310nm | 1310nm | 2Km | 11 | 2 | LC | FX |
| SFP-SX | 1000 | Multimode 50μ* ¹ | 850nm | 850nm | 550m* ¹ | 7.5 | 2 | LC | SX |
| SFP-LX-2 | 1000 | Multimode 50μ* ² | 1310nm | 1310nm | 2Km* ² | 8 | 2 | LC | LX (MM) |
| Singlemode | | | | | | | | | |
| SFP-FX-15 | 100 | Singlemode | 1310nm | 1310nm | 15Km | 16 | 2 | LC | FX (15Km) |
| SFP-LX | 1000 | Singlemode | 1310nm | 1310nm | 10Km | 10 | 2 | LC | LX |
| SFP-ZX | 1000 | Singlemode | 1550nm | 1550nm | 80Km | 24 | 2 | LC | ZX |
| Single Fiber Fast | | | | | | | | | |
| SFP-FX1-2A | 100 | Multimode 62μ | 1310nm | 1550nm | 2Km | 10 | 1 | LC | |
| SFP-FX1-2B | 100 | Multimode 62μ | 1550nm | 1310nm | 2Km | 10 | 1 | LC | |
| SFP-FX1-20A | 100 | Singlemode | 1310nm | 1550nm | 20Km | 19 | 1 | LC | |
| SFP-FX1-20B | 100 | Singlemode | 1550nm | 1310nm | 20Km | 19 | 1 | LC | |
| Single Fiber GigE | | | | | | | | | |
| SFP-LX1-1A | 1000 | Multimode 62u | 1310nm | 1550nm | 550m | 11.5 | 1 | LC | |
| SFP-LX1-1B | 1000 | Multimode 62u | 1550nm | 1310nm | 550m | 11.5 | 1 | LC | |
| SFP-LX1-20A | 1000 | Singlemode | 1310nm | 1550nm | 20Km | 14 | 1 | LC | |
| SFP-LX1-20B | 1000 | Singlemode | 1550nm | 1310nm | 20Km | 14 | 1 | LC | |
| SFP-BXU | 1000 | Singlemode | 1310nm | 1490nm | 20Km | 26 | 1 | LC | BX-U |
| SFP-BXD | 1000 | Singlemode | 1490nm | 1310nm | 20Km | 26 | 1 | LC | BX-D |
| CWDM | | | | | | | | | |
| SFP-59-40 | 1000 | Singlemode | 1590nm | 1590nm | 40Km | 17 | 2 | LC | |
| SFP-61-40 | 1000 | Singlemode | 1610nm | 1610nm | 40Km | 17 | 2 | LC | |

*¹ 550m using OM2 50/125μm fiber, 220m using OM1 62.5/125μm fiber, (1000m using OM3 or OM4 50/125μm fiber).

*² 2Km using OM2 50/125μm fiber. 1Km using OM1 62.5/125μm fiber.