

XFP Transceivers

For applications from 300m up to 120Km reach, Source Photonics offer a complete range of high speed XFPs covering datarates from 9.95 up to 11.3Gb. For DWDM use there are 48 channels in C-band, which can be transmitted up to 120km, enabled by internal EDC (Electronic Dispersion Compensation).

Features:

- 300m, 10Km, 40Km, 80Km, 120Km
- 850nm, 1310nm, 1550nm
- 48 DWDM wavelengths
- digital diagnostics

Applications:

- 10Gb Ethernet
- 10Gb Fiber channel (incl FEC)
- SDH/SONET

NEW

10Gb in Small Form Factor: SFP+

The market keeps pushing for low cost components and high port density, which was the driver to develop the SFP+ form factor. The broad range of variants provide cost effective and reliable bidirectional optical transport of up to 10.3125Gb and 10Km. The SFP+ include Clock and Data Recovery (CDR) function for better link budget and performance.

Features:

- low cost
- MM version up to 300m
- SM version up to 10Km
- Multirate version
1 - 10Gb available

Applications:

- 10GBASE-SR at 10.3125
- 10GBASE-SW at 9.953
- 10GBASE-SX at 1.25

GBIC Transceivers

The Gigabit Ethernet Interface Converters (GBICs) are in compliance with SFF-8053 and cover distances from 550m up to 80Km. For bi-directional use there are also versions utilizing 1310nm and 1550nm with a built-in filter and only one SC-connector.

Features:

- 850, 1310 and 1550nm

Applications:

- switches/routers

