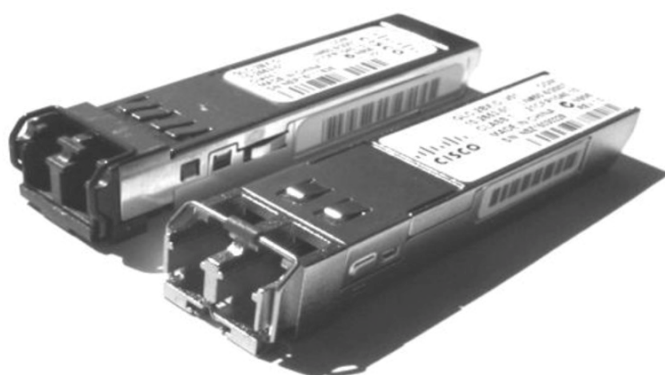


# Introducing Compact Small Form-Factor Pluggable Module (Compact SFP)

PB682262

Cisco is introducing a Compact Small Form-Factor Pluggable (SFP) module to address high-density port requirements in FTTx deployments. (See Figure 1.)

**Figure 1.** Compact SFP Module



The module is a Gigabit Ethernet transceiver with two bidirectional channels inside a conventional SFP form factor. See Table 1 for a comparison with other bidirectional SFP modules.

**Table 1.** Comparison with Other Bidirectional SFP Modules

Product ID	Number of Channels	FE	GE	Distance
GLC-FE-100BX-D	1	✓		10km
GLC-FE-100BX-U	1	✓		10km
GLC-BX-D	1		✓	10km
GLC-BX-U	1		✓	10km
GLC-2BX-D	2		✓	10km

This module is supported on the new Cisco<sup>®</sup> Catalyst<sup>®</sup> 4500 line card (WS-X4640-CSFP-E):

- 40 subscribers per line card with standard SFP (GLC-BX-D)
- 80 subscribers per line card with compact SFP (GLC-2BX-D)

Target first customer ship date is August 2011.

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## For More Information

Compact SFP module datasheet:

- [http://www.cisco.com/en/US/prod/collateral/modules/ps5455/ps6577/product\\_data\\_sheet0900aecd8033f885.html](http://www.cisco.com/en/US/prod/collateral/modules/ps5455/ps6577/product_data_sheet0900aecd8033f885.html)

Compatibility information:

- [http://www.cisco.com/en/US/docs/interfaces\\_modules/transceiver\\_modules/compatibility/matrix/OL\\_6981.pdf](http://www.cisco.com/en/US/docs/interfaces_modules/transceiver_modules/compatibility/matrix/OL_6981.pdf)
- [http://www.cisco.com/en/US/docs/interfaces\\_modules/transceiver\\_modules/compatibility/matrix/OL\\_8031.pdf](http://www.cisco.com/en/US/docs/interfaces_modules/transceiver_modules/compatibility/matrix/OL_8031.pdf)

Installation guides:

- [http://www.cisco.com/en/US/products/hw/modules/ps5455/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/products/hw/modules/ps5455/prod_installation_guides_list.html)

General information about Cisco transceiver modules:

- [http://www.cisco.com/en/US/products/hw/modules/ps5455/prod\\_module\\_series\\_home.html](http://www.cisco.com/en/US/products/hw/modules/ps5455/prod_module_series_home.html)



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