

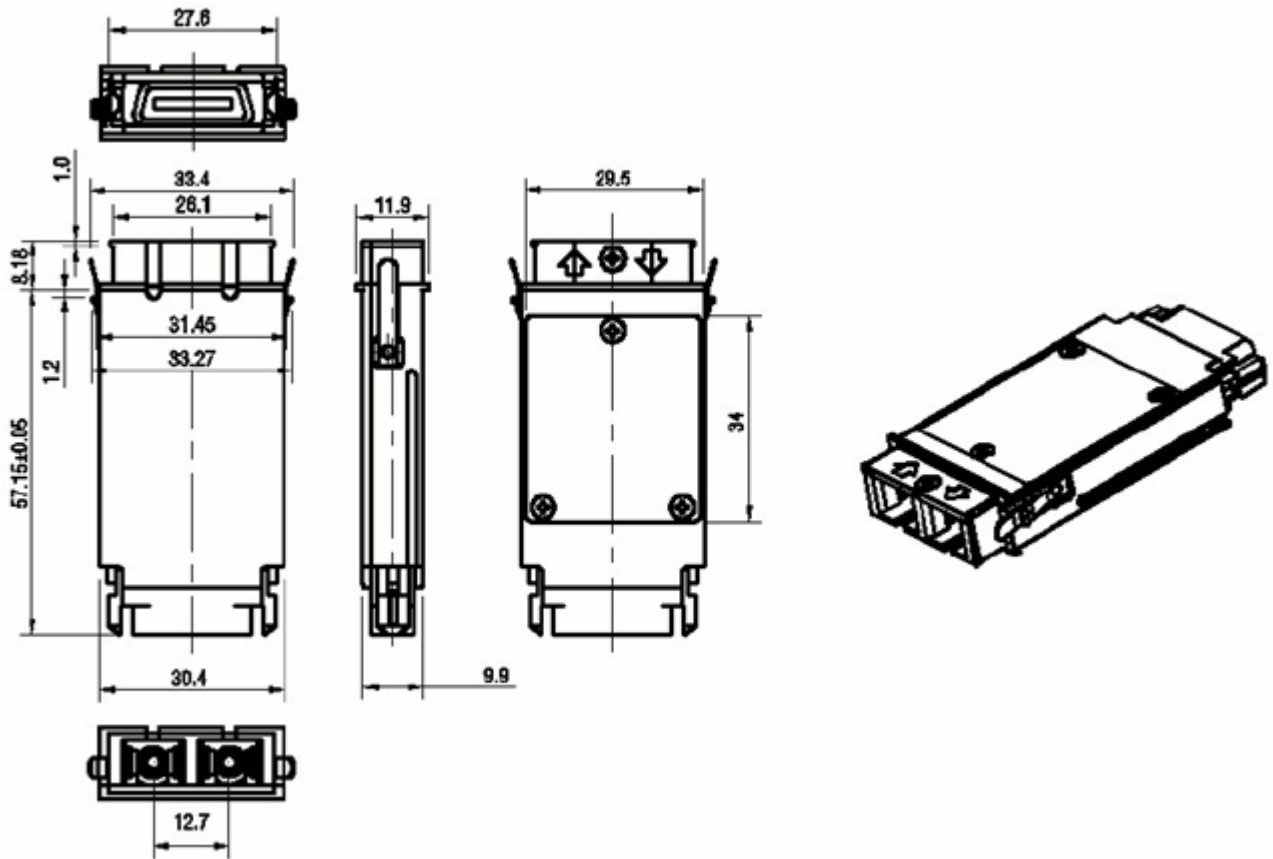
GBIC Transceiver technical info and data sheets



The industry-standard Cisco Gigabit Interface Converter (GBIC) is a hot-swappable input/output device that plugs into a Gigabit Ethernet port or slot, linking the port with the network. The GBIC standard is non-proprietary and is defined by the Small Form Factor committee in document number 8053i. The first publication of the proposal was in November 1995. The GBIC measures 10x30x65mm and operates at 850nm with Multimode cable over 550m, with Singlemode cable and 1330nm at 10km and with 1550nm up to 80km reach.

A variation of the GBIC called the small form-factor pluggable transceiver (SFP), also known as mini-GBIC, has the same functionality but in a smaller form factor. Announced in 2001, it largely made the GBIC obsolete.

GBIC casing (mm)



GBIC Transceiver Data sheets

description	data rate	reach	wavelength	connector
<u>GBIC 1.25G 850nm Multi-mode GBIC</u>	1.25Gb/s	?2KM	850nm	SC
<u>GBIC 1.25G 1550nm 120KM Transceiver</u>	1.25Gb/s	100KM	1550nm	SC
<u>GBIC 1.25G 1550nm 80KM Transceiver</u>	1.25Gb/s	80KM	1550nm	SC
<u>GBIC 1.25G 1550nm 10KM Transceiver</u>	1.25Gb/s	10KM	1550nm	SC
<u>GBIC 1.25G 1310nm 40KM Transceiver</u>	1.25Gb/s	40KM	1310nm	SC
<u>GBIC 1.25G 1310nm 10KM Transceiver</u>	1.25Gb/s	10KM	1310nm	SC
<u>GBIC 1.25G 1310nm Multi-mode GBIC</u>	1.25Gb/s	?2KM	1310nm	SC