

Copper 1000BASE-T SFP transceiver modules use standard four twisted-pair, Category 5 cable at lengths up to 328.08 feet (100 meters).

Table 5 100M and 1-Gigabit SFP Transceiver Module Optical Transmit and Receive Specifications

SFP Transceiver Module Model	Transceiver Type	Transmit Power (dBm)	Receive Power (dBm)	Transmit and Receive Wavelength (nm)
GLC-SX-MM SFP-GE-S GLC-SX-MM-RGD GLC-SX-MMD	1000BASE-SX, 850-nm MMF	-3 (Max) -9.5 (Min)	0 (Max) -17 (Min)	770 to 860
GLC-LH-SM SFP-GE-L GLC-LX-SM-RGD GLC-LH-SMD	1000BASE-LX/LH, 1310-nm SMF	-3 (Max) -9.5 (Min)	-3 (Max) -20 (Min)	1260 to 1355
GLC-BX-D GLC-2BX-D	1000BASE-BX-D, 1490-nm SMF	-3 (Max) -9 (Min)	-3 (Max) -19.5 (Min)	1480 to 1500 (transmit), 1260 to 1360 (receive)
GLC-BX-U	1000BASE-BX-U, 1310-nm SMF	-3 (Max) -9 (Min)	-3 (Max) -19.5 (Min)	1260 to 1360 (transmit), 1480 to 1500 (receive)
GLC-EX-SMD	1000BASE-EX, 1310 nm	+3 (Max) -1 (Min)	+1 (Max) -22 (Min)	1290 to 1335
GLC-ZX-SM GLC-ZX-SM-RGD SFP-GE-Z GLC-ZX-SMD	1000BASE-ZX, 1550 nm SMF	+5 (Max) 0 (Min)	-3 (Max) -23 (Min)	1500 to 1580
GLC-FE-100FX GLC-FE-100FX-RGD GLC-GE-100FX	100BASE-FX, 1310 nm MMF	-14 (Max) -20 (Min)	-14 (Max) -31 (Min)	1270 to 1380
GLC-FE-100LX GLC-FE-100LX-RGD	100BASE-LX, 1310 nm SMF	-8 (Max) -15 (Min)	-8 (Max) -28 (Min)	1260 to 1360
GLC-FE-100BX-D	100BASE-BX-D, 1550 nm SMF	-8 (Max) -14 (Min)	-3 (Max) -28.2 (Min)	1480 to 1580 (transmit), 1260 to 1360 (receive)
GLC-FE-100BX-U	100BASE-BX-U, 1310 nm SMF	-8 (Max) -14 (Min)	-3 (Max) -28.2 (Min)	1260 to 1360 (transmit), 1480 to 1580 (receive)
GLC-FE-100EX	100BASE-EX, 1310 nm SMF	0 (Max) -5 (Min)	-8 (Max) -28 (Min)	1260 to 1360
GLC-FE-100ZX	100BASE-ZX, 1550 nm SMF	+2 (Max) -3 (Min)	-8 (Max) -30 (Min)	1480 to 1600