

GBIC Ethernet Transceivers

PART NUMBER	DESCRIPTION
Gigabit Ethernet Transceiver, GBIC	
•GEP-21000S-C	1000SX/SC/MM, 850 nm
•GEP-21100L-C	1000LX/SC/SM, 1300 nm

PART NUMBER	DESCRIPTION
Gigabit Ethernet Transceiver, GBIC SFP (Mini)	
•GEP-22000S-L	1000SX/LC/MM, 850 nm
•GEP-22100L-L	1000LX/LC/SM, 1300 nm

Specifications

Interface:

SC Duplex, Multi- and Single Mode

Medium: Optical fiber:

MM, 62.5/125 μ m or 50/125 μ m

SM, 8/125 μ m or 9/125 μ m

Distance:

MM, 62.5/125 μ m, 220m; 50/125 μ m, 500m

SM, 8 or 9/125 μ m, 10km

Transmitter:

Center wavelength: MM, 850 nm
SM, 1300 nm

Optical Power Out: -9.5 to -4.0 dBm (MM)
-9.5 to -3.0 dBm (SM)

Receiver:

Operating Wavelength: 770 - 860 nm (MM)
1100 - 1600 nm (SM)

Optical Input Power Max: 0 dBm

Optical Return Loss: 12 dBm

Supply Voltage: 3.3/5.0V

Supply Current: 300mA

Operating Temp: 0° - 70°C

Storage Temp: -40° - 85°C

Interface:

LC Duplex, Multi- and Single Mode

Medium: Optical fiber:

MM, 62.5/125 μ m or 50/125 μ m

SM, 8/125 μ m or 9/125 μ m

Distance:

MM, 62.5/125 μ m, 220m; 50/125 μ m, 500m

SM, 8 or 9/125 μ m, 10km

Transmitter:

Center wavelength: MM, 850 nm
SM, 1300 nm

Optical Power Out: -9.5 to -4.0 dBm (MM)
-9.5 to -3.0 dBm (SM)

Receiver:

Operating Wavelength: 770 - 860 nm (MM)
1100 - 1600 nm (SM)

Optical Input Power Max: -3 dBm (MM), -7 dBm (SM)

Optical Return Loss: 12 dBm

Supply Voltage: 3.3V

Supply Current: 250mA

Operating Temp: 0° - 70°C

Storage Temp: -40° - 85°C



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