

# Cell GBIC

## Giga-Bit Interface Converter

### Product Overview

#### Features

- Support 1.25G/BWDM Giga-Bit Interface Converter (GBIC)
- Compliant with GBIC Ethernet standard and fiber channel standard
- Wavelength : 850nm/1310nm/1550nm
- Bit Rate : up to 1.25Gbps
- Power Supply : 3.3/5 Voltage
- Connector type : Duplex SC for standard GBIC and simplex SC for BWDM GBIC
- Class 1 laser product complies with EN60825-1



1.25G GBIC



Copper GBIC

### 1.25Gbps GBIC

Model No.	Data Rate	Wavelength/ Light Source	Media Type	Reach	TX Power (dBm)	RX Sens. (dBm)	Temp. (°C)	Voltage	Notes
GBIC-SX	1.25Gb/s	850nm (VCSEL)	MMF	550m	-4 ~ -9.5	<-18	0 ~ 70	3.3/5V	
GBIC-LX	1.25Gb/s	1310nm (FP)	SMF	10 km	-3 ~ -9.5	<-20	0 ~ 70	3.3/5V	
GBIC-LH20	1.25Gb/s	1310nm (FP)	SMF	20 km	-2 ~ -8	<-20	0 ~ 70	3.3/5V	
GBIC-LHX	1.25Gb/s	1310nm (FP)	SMF	30 km	-1 ~ -6	<-23	0 ~ 70	3.3/5V	
GBIC-XD	1.25Gb/s	1550nm (DFB)	SMF	50 km	+1 ~ -4	<-23	0 ~ 70	3.3/5V	
GBIC-ZX	1.25Gb/s	1550nm (DFB)	SMF	80 km	+5 ~ 0	<-23	0 ~ 70	3.3/5V	
GBIC-EZX	1.25Gb/s	1550nm (DFB)	SMF	110 km	+5 ~ 0	<-30	0 ~ 70	3.3/5V	

### Copper GBIC

Model No.	Data Rate	Media Type	Reach	Temp. (°C)	Voltage	Notes
GBIC-TX	1.25Gb/s	copper	100 m	0 ~ 70	3.3/5V	Auto Negotiate / Full Duplex

### BWDM GBIC

Model No.	Data Rate	Wavelength/ Light Source	Media Type	Reach	TX Power (dBm)	RX Sens. (dBm)	Temp. (°C)	Voltage	Notes
GBIC-BX-10-31	1.25Gb/s	Tx1310/Rx1550	SMF	10 km	-3 ~ -9	<-20	0 ~ 70	3.3/5V	BWDM
GBIC-BX-10-55	1.25Gb/s	Tx1550/Rx1310	SMF	10 km	-3 ~ -9	<-20	0 ~ 70	3.3/5V	BWDM
GBIC-BX-20-31	1.25Gb/s	Tx1310/Rx1550	SMF	20 km	-3 ~ -8	<-23	0 ~ 70	3.3/5V	BWDM
GBIC-BX-20-55	1.25Gb/s	Tx1550/Rx1310	SMF	20 km	-3 ~ -8	<-23	0 ~ 70	3.3/5V	BWDM
GBIC-BX-40-31	1.25Gb/s	Tx1310/Rx1550	SMF	40 km	+2 ~ -3	<-23	0 ~ 70	3.3/5V	BWDM
GBIC-BX-40-55	1.25Gb/s	Tx1550/Rx1310	SMF	40 km	+2 ~ -3	<-23	0 ~ 70	3.3/5V	BWDM
GBIC-BX-60-31	1.25Gb/s	Tx1310/Rx1550	SMF	60 km	+5 ~ 0	<-24	0 ~ 70	3.3/5V	BWDM
GBIC-BX-60-55	1.25Gb/s	Tx1550/Rx1310	SMF	60 km	+2 ~ -3	<-25	0 ~ 70	3.3/5V	BWDM

#### About Cell Technology

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