



MGB-Series Transceiver

1000BASE-SX/LX SFP Transceiver

Overview	Applications	Key Features	Specifications	Download
----------	--------------	--------------	----------------	----------

MGB-SX

PHY Type	IEEE 802.3z 1000BASE-SX
Fiber Type	Multi-Mode
Connector	LC
Wavelength	850nm
Maximum Distance	220m~550m
Operating Temperature	0 ~ 60 degrees C

MGB-SX2

PHY Type	IEEE 802.3z 1000BASE-SX
Fiber Type	Multi-Mode
Connector	LC
Wavelength	1310nm
Maximum Distance	2km
Operating Temperature	0 ~ 60 degrees C

MGB-LX

PHY Type	IEEE 802.3z 1000BASE-LX
Fiber Type	Single Mode
Connector	LC
Wavelength	1310nm
Maximum Distance	10km
Operating Temperature	0 ~ 60 degrees C

MGB-L30

PHY Type	IEEE 802.3z 1000BASE-LX
Fiber Type	Single Mode
Connector	LC
Wavelength	1310nm
Maximum Distance	30km
Operating Temperature	0 ~ 60 degrees C

MGB-L50

PHY Type	IEEE 802.3z 1000BASE-EX
Fiber Type	Single Mode
Connector	LC
Wavelength	1550nm
Maximum Distance	50km
Operating Temperature	0 ~ 60 degrees C

MGB-L70

PHY Type	IEEE 802.3z 1000BASE-ZX
Fiber Type	Single Mode
Connector	LC
Wavelength	1550nm
Maximum Distance	70km
Operating Temperature	0 ~ 60 degrees C

MGB-L120

PHY Type	IEEE 802.3z 1000BASE-ZX
Fiber Type	Single Mode
Connector	LC
Wavelength	1550nm
Maximum Distance	120km
Operating Temperature	0 ~ 60 degrees C

MGB-LA10

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1310nm, RX: 1550nm
Maximum Distance	10km

Operating Temperature	0 ~ 60 degrees C
MGB-LB10	
PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1550nm, RX: 1310nm
Maximum Distance	10km
Operating Temperature	0 ~ 60 degrees C

MGB-LA20

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1310nm, RX: 1550nm
Maximum Distance	20km
Operating Temperature	0 ~ 60 degrees C

MGB-LB20

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1550nm, RX: 1310nm
Maximum Distance	20km
Operating Temperature	0 ~ 60 degrees C

MGB-LA40

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1310nm, RX: 1550nm
Maximum Distance	40km
Operating Temperature	0 ~ 60 degrees C

MGB-LB40

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1550nm, RX: 1310nm

Maximum Distance	40km
Operating Temperature	0 ~ 60 degrees C

MGB-LA60

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1310nm, RX: 1550nm
Maximum Distance	60km
Operating Temperature	0 ~ 60 degrees C

MGB-LB60

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1550nm, RX: 1310nm
Maximum Distance	60km
Operating Temperature	0 ~ 60 degrees C

MGB-GT

PHY Type	IEEE 802.3ab 1000BASE-T
Connector	RJ45, Auto-negotiation, Auto-MDI/MDI-X
Maximum Distance	100m
Operating Temperature	0 ~ 60 degrees C

MGB-TSX

PHY Type	IEEE 802.3z 1000BASE-SX
Fiber Type	Multi-Mode
Connector	LC
Wavelength	850nm
Maximum Distance	220m & 550m
Operating Temperature	-40 ~ 75 degrees C

MGB-TLX

PHY Type	IEEE 802.3z 1000BASE-LX
Fiber Type	Single Mode
Connector	LC
Wavelength	1310nm

Maximum Distance	10km
Operating Temperature	-40 ~ 75 degrees C

MGB-TL30

PHY Type	IEEE 802.3z 1000BASE-LX
Fiber Type	Single Mode
Connector	LC
Wavelength	1310nm
Maximum Distance	30km
Operating Temperature	-40 ~ 75 Degree C

MGB-TL70

PHY Type	IEEE 802.3z 1000BASE-ZX
Fiber Type	Single Mode
Connector	LC
Wavelength	1550nm
Maximum Distance	70km
Operating Temperature	-40 ~ 75 degrees C

MGB-TLA10

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1310nm, RX: 1550nm
Maximum Distance	10km
Operating Temperature	-40 ~ 75 degrees C

MGB-TLB10

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1550nm, RX: 1310nm
Maximum Distance	10km
Operating Temperature	-40 ~ 75 degrees C

MGB-TLA20

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC

Wavelength	TX: 1310nm, RX: 1550nm
Maximum Distance	20km
Operating Temperature	-40 ~ 75 degrees C

MGB-TLB20

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1550nm, RX: 1310nm
Maximum Distance	20km
Operating Temperature	-40 ~ 75 degrees C

MGB-TLA40

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1310nm, RX: 1550nm
Maximum Distance	40km
Operating Temperature	-40 ~ 75 degrees C

MGB-TLB40

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1550nm, RX: 1310nm
Maximum Distance	40km
Operating Temperature	-40 ~ 75 degrees C

MGB-TLA60

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode
Connector	WDM/Bidi LC
Wavelength	TX: 1310nm, RX: 1550nm
Maximum Distance	60km
Operating Temperature	-40 ~ 75 degrees C

MGB-TLB60

PHY Type	IEEE 802.3ah 1000BASE-BX
Fiber Type	Single Mode

Connector	WDM/Bidi LC
Wavelength	TX: 1550nm, RX: 1310nm
Maximum Distance	60km
Operating Temperature	-40 ~ 75 degrees C

Ordering Information

MGB-GT	SFP-Port 1000BASE-T Module
MGB-LX	SFP-Port 1000BASE-LX mini-GBIC module - 10km
MGB-SX	SFP-Port 1000BASE-SX mini-GBIC module - 550m
MGB-SX2	SFP-Port 1000BASE-SX mini-GBIC module - 2km
MGB-L30	SFP-Port 1000BASE-LX mini-GBIC module - 30km
MGB-L50	SFP-Port 1000BASE-LX mini-GBIC module - 50km
MGB-L70	SFP-Port 1000BASE-LX mini-GBIC module - 70km
MGB-L120	SFP-Port 1000BASE-LX mini-GBIC module - 120km
MGB-LA10	SFP-Port 1000BASE-BX (WDM, TX:1310nm) mini-GBIC module-10km
MGB-LB10	SFP-Port 1000BASE-BX (WDM, TX:1550nm) mini-GBIC module-10km
MGB-LA20	SFP-Port 1000BASE-BX (WDM, TX:1310nm) mini-GBIC module-20km
MGB-LB20	SFP-Port 1000BASE-BX (WDM, TX:1550nm) mini-GBIC module-20km
MGB-LA40	SFP-Port 1000BASE-BX (WDM, TX:1310nm) mini-GBIC module-40km
MGB-LB40	SFP-Port 1000BASE-BX (WDM, TX:1550nm) mini-GBIC module-40km
MGB-LA60	SFP-Port 1000BASE-BX (WDM, TX:1310nm) mini-GBIC module-60km
MGB-LB60	SFP-Port 1000BASE-BX (WDM, TX:1550nm) mini-GBIC module-60km
MGB-TSX	SFP-Port 1000BASE-SX mini-GBIC module - 550m (-40~75°C)
MGB-TLX	SFP-Port 1000BASE-LX mini-GBIC module - 10km (-40~75°C)
MGB-TL30	SFP-Port 1000BASE-LX mini-GBIC module - 30km (-40~75°C)
MGB-TL70	SFP-Port 1000BASE-LX mini-GBIC module - 70km (-40~75°C)
MGB-TLA10	SFP-Port 1000BASE-BX (WDM, TX:1310nm) mini-GBIC module-10km (-40~75°C)
MGB-TLB10	SFP-Port 1000BASE-BX (WDM, TX:1550nm) mini-GBIC module-10km (-40~75°C)
MGB-TLA20	SFP-Port 1000BASE-BX (WDM, TX:1310nm) mini-GBIC module-20km (-40~75°C)
MGB-TLB20	SFP-Port 1000BASE-BX (WDM, TX:1550nm) mini-GBIC module-20km (-40~75°C)
MGB-TLA40	SFP-Port 1000BASE-BX (WDM, TX:1310nm) mini-GBIC module-40km (-40~75°C)
MGB-TLB40	SFP-Port 1000BASE-BX (WDM, TX:1550nm) mini-GBIC module-40km (-40~75°C)
MGB-TLA60	SFP-Port 1000BASE-BX (WDM, TX:1310nm) mini-GBIC module-60km (-40~75°C)
MGB-TLB60	SFP-Port 1000BASE-BX (WDM, TX:1550nm) mini-GBIC module-60km (-40~75°C)

