

## Fast Ethernet Transceiver (100BASE-X SFP)

Model	DDM	Speed (Mbps)	Connector Interface	Fiber Mode	Distance	Wavelength (nm)	Operating Temp.
MFB-FX	YES	100	LC	Multi Mode	2km	1310nm	0 ~ 60 °C
MFB-F20	--	100	LC	Single Mode	20km	1310nm	0 ~ 60 °C
MFB-F40	YES	100	LC	Single Mode	40km	1310nm	0 ~ 60 °C
MFB-F60	YES	100	LC	Single Mode	60km	1310nm	0 ~ 60 °C
MFB-F120	YES	100	LC	Single Mode	120km	1550nm	0 ~ 60 °C
MFB-TFX	YES	100	LC	Multi Mode	2km	1310nm	-40 ~ 75 °C
MFB-TF20	--	100	LC	Single Mode	20km	1310nm	-40 ~ 75 °C

## Fast Ethernet Transceiver (100BASE-BX, Single Fiber Bi-Directional SFP)

Model	DDM	Speed (Mbps)	Connector Interface	Fiber Mode	Distance	Wavelength (TX)	Wavelength (RX)	Operating Temp.
MFB-FA20	--	100	WDM(LC)	Single Mode	20km	1310nm	1550nm	0 ~ 60 °C
MFB-FB20	--	100	WDM(LC)	Single Mode	20km	1550nm	1310nm	0 ~ 60 °C
MFB-TSA	YES	100	WDM(LC)	Multi Mode	2km	1310nm	1550nm	-40 ~ 75 °C
MFB-TSB	YES	100	WDM(LC)	Multi Mode	2km	1550nm	1310nm	-40 ~ 75 °C
MFB-TFA20	YES	100	WDM(LC)	Single Mode	20km	1310nm	1550nm	-40 ~ 75 °C
MFB-TFB20	YES	100	WDM(LC)	Single Mode	20km	1550nm	1310nm	-40 ~ 75 °C
MFB-TFA40	YES	100	WDM(LC)	Single Mode	40km	1310nm	1550nm	-40 ~ 75 °C
MFB-TFB40	YES	100	WDM(LC)	Single Mode	40km	1550nm	1310nm	-40 ~ 75 °C

## Gigabit Ethernet Transceiver (1000BASE-X SFP)

Model	DDM	Speed (Mbps)	Connector Interface	Fiber Mode	Distance	Wavelength (nm)	Operating Temp.
MGB-GT	--	1000	Copper	--	100m	--	0 ~ 60 °C
MGB-SX(V2)	YES	1000	LC	Multi Mode	550m	850nm	0 ~ 60 °C
MGB-SX2(V2)	YES	1000	LC	Multi Mode	2km	1310nm	0 ~ 60 °C
MGB-LX(V2)	YES	1000	LC	Single Mode	20km	1310nm	0 ~ 60 °C
MGB-L40	YES	1000	LC	Single Mode	40km	1310nm	0 ~ 60 °C
MGB-L80	YES	1000	LC	Single Mode	80km	1550nm	0 ~ 60 °C
MGB-L120	YES	1000	LC	Single Mode	120km	1550nm	0 ~ 60 °C
MGB-TSX	YES	1000	LC	Multi Mode	550m	850nm	-40 ~ 75 °C
MGB-TSX2	YES	1000	LC	Multi Mode	2km	1310nm	-40 ~ 75 °C
MGB-TLX(V2)	YES	1000	LC	Single Mode	20km	1310nm	-40 ~ 75 °C
MGB-TL30	YES	1000	LC	Single Mode	30km	1310nm	-40 ~ 75 °C
MGB-TL70	YES	1000	LC	Single Mode	70km	1550nm	-40 ~ 75 °C

## Gigabit Ethernet Transceiver (1000BASE-BX, Single Fiber Bi-Directional SFP)

Model	DDM	Speed (Mbps)	Connector Interface	Fiber Mode	Distance	Wavelength (TX)	Wavelength (RX)	Operating Temp.
MGB-LA10	YES	1000	WDM(LC)	Single Mode	10km	1310nm	1550nm	0 ~ 60 °C
MGB-LB10		1000	WDM(LC)	Single Mode	10km	1550nm	1310nm	0 ~ 60 °C
MGB-LA20	YES	1000	WDM(LC)	Single Mode	20km	1310nm	1550nm	0 ~ 60 °C
MGB-LB20		1000	WDM(LC)	Single Mode	20km	1550nm	1310nm	0 ~ 60 °C
MGB-LA40	YES	1000	WDM(LC)	Single Mode	40km	1310nm	1550nm	0 ~ 60 °C
MGB-LB40		1000	WDM(LC)	Single Mode	40km	1550nm	1310nm	0 ~ 60 °C
MGB-LA80	YES	1000	WDM(LC)	Single Mode	80km	1310nm	1550nm	0 ~ 60 °C
MGB-LB80		1000	WDM(LC)	Single Mode	80km	1550nm	1310nm	0 ~ 60 °C
MGB-TLA10	YES	1000	WDM(LC)	Single Mode	10km	1310nm	1550nm	-40 ~ 75 °C
MGB-TLB10		1000	WDM(LC)	Single Mode	10km	1550nm	1310nm	-40 ~ 75 °C
MGB-TLA20	YES	1000	WDM(LC)	Single Mode	20km	1310nm	1550nm	-40 ~ 75 °C
MGB-TLB20		1000	WDM(LC)	Single Mode	20km	1550nm	1310nm	-40 ~ 75 °C
MGB-TLA40	YES	1000	WDM(LC)	Single Mode	40km	1310nm	1550nm	-40 ~ 75 °C
MGB-TLB40		1000	WDM(LC)	Single Mode	40km	1550nm	1310nm	-40 ~ 75 °C
MGB-TLA60	YES	1000	WDM(LC)	Single Mode	60km	1310nm	1550nm	-40 ~ 75 °C
MGB-TLB60		1000	WDM(LC)	Single Mode	60km	1550nm	1310nm	-40 ~ 75 °C

## 10Gbps SFP+ (10G Ethernet/10GBASE)

Model	DDM	Speed (Mbps)	Connector Interface	Fiber Mode	Distance	Wavelength (nm)	Operating Temp.
MTB-RJ	-	10G	Copper	-	30m	-	0 ~ 70 °C
MTB-SR	YES	10G	LC	Multi Mode	Up to 300m	850nm	0 ~ 60 °C
MTB-LR	YES	10G	LC	Single Mode	10km	1310nm	0 ~ 60 °C
MTB-TSR	YES	10G	LC	Multi Mode	Up to 300m	850nm	-40 ~ 75 °C
MTB-TLR	YES	10G	LC	Single Mode	10km	1310nm	-40 ~ 75 °C

## 10Gbps SFP+ (10GBASE-BX, Single Fiber Bi-Directional SFP)

Model	DDM	Speed (Mbps)	Connector Interface	Fiber Mode	Distance	Wavelength (TX)	Wavelength (RX)	Operating Temp.
MTB-LA20	YES	10G	WDM(LC)	Single Mode	20km	1270nm	1330nm	0 ~ 60 °C
MTB-LB20		10G	WDM(LC)	Single Mode	20km	1330nm	1270nm	0 ~ 60 °C
MTB-LA40	YES	10G	WDM(LC)	Single Mode	40km	1270nm	1330nm	0 ~ 60 °C
MTB-LB40		10G	WDM(LC)	Single Mode	40km	1330nm	1270nm	0 ~ 60 °C
MTB-LA60	YES	10G	WDM(LC)	Single Mode	60km	1270nm	1330nm	0 ~ 60 °C
MTB-LB60		10G	WDM(LC)	Single Mode	60km	1330nm	1270nm	0 ~ 60 °C

## 40Gbps QSFP+ (40G Ethernet/40GBASE-SR4/LR4)

Model	DDM	Speed (Mbps)	Connector Interface	Fiber Mode	Distance	Wavelength (nm)	Operating Temp.
QSFP-40G-SR4	YES	40G	MPO/MTP	Multi Mode	100m(OM3) 150m(OM4)	850nm	0 ~ 60 °C
QSFP-40G-LR4	YES	40G	LC	Single Mode	10km	1310nm	0 ~ 60 °C