

## Accessories SFP / SFP with DDM Technology



	Fiber Transceiver	Speed	Distance	Wave-length	Operation Temperature
SFP100MM/SFP100MM-w	Multi-mode	100Mbps	2km	1310nm	-10~70°C/-40~85°C(W)
SFP100MMD/SFP100MMD-w	Multi-mode	100Mbps DDM	2km	1310nm	-10~70°C/-40~85°C(W)
SFP100MM5/SFP100MM5-w	Multi-mode	100Mbps	5km	1310nm	-10~70°C/-40~85°C(W)
SFP100MM5D/SFP100MM5D-w	Multi-mode	100Mbps DDM	5km	1310nm	-10~70°C/-40~85°C(W)
SFP100SM30/SFP100SM30-w	Single-mode	100Mbps	30km	1310nm	-10~70°C/-40~85°C(W)
SFP100SM30D/SFP100SM30D-w	Single-mode	100Mbps DDM	30km	1310nm	-10~70°C/-40~85°C(W)
SFP100SM60/SFP100SM60-w	Single-mode	100Mbps	60km	1310nm	-10~70°C/-40~85°C(W)
SFP100SM60D/SFP100SM60D-w	Single-mode	100Mbps DDM	60km	1310nm	-10~70°C/-40~85°C(W)
SFP100SM80/SFP100SM80-w	Single-mode	100Mbps	80km	1310nm	-10~70°C/-40~85°C(W)
SFP100SM80D/SFP100SM80D-w	Single-mode	100Mbps DDM	80km	1310nm	-10~70°C/-40~85°C(W)
SFP100SM100/SFP100SM100-w	Single-mode	100Mbps	100km	1550nm	-10~70°C/-40~85°C(W)
SFP100SM100D/SFP100SM100D-w	Single-mode	100Mbps DDM	100km	1550nm	-10~70°C/-40~85°C(W)
SFP100SM120/SFP100SM120-w	Single-mode	100Mbps	120km	1550nm	-10~70°C/-40~85°C(W)
SFP100SM120D/SFP100SM120D-w	Single-mode	100Mbps DDM	120km	1550nm	-10~70°C/-40~85°C(W)
SFP100SM20B13/SFP100SM20B13-w	Single-mode	100Mbps BIDI/WDM	20km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFP100SM20B13D/SFP100SM20B13D-w	Single-mode	100Mbps BIDI/WDM DDM	20km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFP100SM20B15/SFP100SM20B15-w	Single-mode	100Mbps BIDI/WDM	20km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFP100SM20B15D/SFP100SM20B15D-w	Single-mode	100Mbps BIDI/WDM DDM	20km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFP100SM40B13/SFP100SM40B13-w	Single-mode	100Mbps BIDI/WDM	40km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFP100SM40B13D/SFP100SM40B13D-w	Single-mode	100Mbps BIDI/WDM DDM	40km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFP100SM40B15/SFP100SM40B15-w	Single-mode	100Mbps BIDI/WDM	40km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFP100SM40B15D/SFP100SM40B15D-w	Single-mode	100Mbps BIDI/WDM DDM	40km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFP100SM60B13/SFP100SM60B13-w	Single-mode	100Mbps BIDI/WDM	60km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFP100SM60B13D/SFP100SM60B13D-w	Single-mode	100Mbps BIDI/WDM DDM	60km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFP100SM60B15/SFP100SM60B15-w	Single-mode	100Mbps BIDI/WDM	60km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFP100SM60B15D/SFP100SM60B15D-w	Single-mode	100Mbps BIDI/WDM DDM	60km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFPGSX/SFPGSX-w	Multi-mode	1000Base-SX	550m	850nm	-10~70°C/-20~85°C(W)
SFPGXD/SFPGXD-w	Multi-mode	1000Base-SX DDM	550m	850nm	-10~70°C/-20~85°C(W)
SFPGSX2/SFPGSX2-w	Multi-mode	1000Base-SX	2km	1310nm	-10~70°C/-40~85°C(W)
SFPGSX2D/SFPGSX2D-w	Multi-mode	1000Base-SX DDM	2km	1310nm	-10~70°C/-40~85°C(W)
SFPGXL10/SFPGXL10-w	Single-mode	1000Base-LX	10km	1310nm	-10~70°C/-40~85°C(W)
SFPGXL10D/SFPGXL10D-w	Single-mode	1000Base-LX DDM	10km	1310nm	-10~70°C/-40~85°C(W)
SFPGXLH30/SFPGXLH30-w	Single-mode	1000Base-LHX	30km	1310nm	-10~70°C/-40~85°C(W)
SFPGXLH30D/SFPGXLH30D-w	Single-mode	1000Base-LHX DDM	30km	1310nm	-10~70°C/-40~85°C(W)
SFPGXD50/SFPGXD50-w	Single-mode	1000Base-XD	50km	1550nm	-10~70°C/-40~85°C(W)
SFPGXD50D/SFPGXD50D-w	Single-mode	1000Base-XD DDM	50km	1550nm	-10~70°C/-40~85°C(W)
SFPGZX70/SFPGZX70-w	Single-mode	1000Base-ZX	70km	1550nm	-10~70°C/-40~85°C(W)
SFPGZX70D/SFPGZX70D-w	Single-mode	1000Base-ZX DDM	70km	1550nm	-10~70°C/-40~85°C(W)
SFPGXL10B13/SFPGXL10B13-w	Single-mode	1000Base-LX BIDI/WDM	10km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFPGXL10B13D/SFPGXL10B13D-w	Single-mode	1000Base-LX BIDI/WDM DDM	10km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)



	Fiber Transceiver	Speed	Distance	Wave-length	Operation Temperature
SFPGLX10B15/SFPGLX10B15-w	Single-mode	1000 Base-LX BIDI/WDM	10km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFPGLX10B15D/SFPGLX10B15D-w	Single-mode	1000 Base-LX BIDI/WDM DDM	10km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFPGLX20B13/SFPGLX20B13-w	Single-mode	1000 Base-LX BIDI/WDM	20km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFPGLX20B13D/SFPGLX20B13D-w	Single-mode	1000 Base-LX BIDI/WDM DDM	20km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFPGLX20B15/SFPGLX20B15-w	Single-mode	1000 Base-LX BIDI/WDM	20km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFPGLX20B15D/SFPGLX20B15D-w	Single-mode	1000 Base-LX BIDI/WDM DDM	20km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFPGLX40B13/SFPGLX40B13-w	Single-mode	1000 Base-LX BIDI/WDM	40km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFPGLX40B13D/SFPGLX40B13D-w	Single-mode	1000 Base-LX BIDI/WDM DDM	40km	TX 1310nm, RX 1550nm	-10~70°C/-40~85°C(W)
SFPGLX40B15/SFPGLX40B15-w	Single-mode	1000 Base-LX BIDI/WDM	40km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFPGLX40B15D/SFPGLX40B15D-w	Single-mode	1000 Base-LX BIDI/WDM DDM	40km	TX 1550nm, RX 1310nm	-10~70°C/-40~85°C(W)
SFPGLX60B13	Single-mode	1000 Base-LX BIDI/WDM	60km	TX 1310nm, RX 1550nm	-10~70°C
SFPGLX60B13D	Single-mode	1000 Base-LX BIDI/WDM DDM	60km	TX 1310nm, RX 1550nm	-10~70°C
SFPGLX60B15	Single-mode	1000 Base-LX BIDI/WDM	60km	TX 1550nm, RX 1310nm	-10~70°C
SFPGLX60B15D	Single-mode	1000 Base-LX BIDI/WDM DDM	60km	TX 1550nm, RX 1310nm	-10~70°C

## Long Distance SFP (110km & 120km)



Models	SFPGEZX110-w	SFPGEZX120
Description	Single-Mode 1Gbps 110KM Fiber Transceiver	Single-Mode 1Gbps 120KM Fiber Transceiver
Fiber Transceiver & Application	Single-Mode 1000BASE-EZX / 110KM	Single-Mode 1000BASE-EZX / 120KM
DDM	No	No
Wave-length	1550 nm	1550 nm
Tx Power	0dBm(Min) ~ 5dBm(Max)	0dBm(Min) ~ 5dBm(Max)
Rx Sensitivity	-30 dBm(Max)	-32 dBm(Max)
Connector	Duplex LC	Duplex LC
Operation Temperature	-40~ 85°C	0~ 70°C
Storage Temperature	-40- 85°C	-40- 85°C
Operating Humidity	85%	85%

## 10G SFP



	SFP10GSRD	SFP10GLR10D
Fiber Transceiver & Application	Multi-mode 10GBASE-SR / 300M	Single-mode 10GBASE-LR / 10KM
DDM	Yes	Yes
Wave-length	850 nm	1310 nm
Tx Power	-6.5dBm(Min) ~ -1dBm(Max)	-8.2dBm(Min) ~ 0.5dBm(Max)
Rx Sensitivity	11.1dBm(Max)	-12.6dBm(Max)
Connector	Duplex LC	Duplex LC
Operation Temperature	-10~ 70°C	-10~ 70°C
Storage Temperature	-40- 85°C	-40- 85°C
Operating Humidity	85%	85%

## Copper SFP

1.25G SFP-1000T Transceiver Hot Pluggable, RJ-45, Active Copper SFP

### SFPGRJ45/ SFPGRJ45-w



- Compliant with SFP MSA
- Compliant with IEEE802.3-2002 and 802.3ab
- Compatible with 1000BASE-X and 1000Base-T
- Hot Pluggable
- RoHS Compliant
- Auto-detect MDI/MDI-X
- Interface: RJ-45 Connector
- Speed: 1000Base-T
- Distance: 100m with Cat.5 UTP Cable
- Operating Temperature: 0~70 °C  
(SFPGRJ45-w : -40~85 °C)
- Storage Temperature: -40~85 °C
- Humidity: 5~95%