

1-port Gigabit Ethernet SFP modules				
	SFPGEM05	SFPGEM05T	SFPGEM05D	SFPGEM05DT
	SFP, 1000Mbps, LC, multi, 550M, 0~70°C	SFP, 1000Mbps, LC, multi, 550M, -40~85°C	SFP, 1000Mbps, LC, multi, DDM, 550M, 0~70°C	SFP, 1000Mbps, LC, multi, DDM, 550M, -40~85°C
<b>Transceiver Type</b>	Multi-Mode	Multi-Mode	Multi-Mode	Multi-Mode
<b>Typical Distance</b>	550M	550M	550M	550M
<b>DDM</b>	No	No	Yes	Yes
<b>Wave-length</b>	850nm	850nm	850nm	850nm
<b>Connector</b>	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector
<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year
	SFPGEM2	SFPGEM2T	SFPGEM2D	SFPGEM2DT
	SFP, 1000Mbps, LC, multi, 2KM, 0~70°C	SFP, 1000Mbps, LC, multi, 2KM, -40~85°C	SFP, 1000Mbps, LC, multi, DDM, 2KM, 0~70°C	SFP, 1000Mbps, LC, multi, DDM, 2KM, -40~85°C
<b>Transceiver Type</b>	Multi-Mode	Multi-Mode	Multi-Mode	Multi-Mode
<b>Typical Distance</b>	2KM	2KM	2KM	2KM
<b>DDM</b>	No	No	Yes	Yes
<b>Wave-length</b>	1310nm	1310nm	1310nm	1310nm
<b>Connector</b>	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector
<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year
	SFPGES10	SFPGES10T	SFPGES10D	SFPGES10DT
	SFP, 1000Mbps, LC, single, 10KM, 0~70°C	SFP, 1000Mbps, LC, single, 10KM, -40~85°C	SFP, 1000Mbps, LC, single, DDM, 10KM, 0~70°C	SFP, 1000Mbps, LC, single, DDM, 10KM, -40~85°C
<b>Transceiver Type</b>	Single-Mode	Single-Mode	Single-Mode	Single-Mode
<b>Typical Distance</b>	10KM	10KM	10KM	10KM
<b>DDM</b>	No	No	Yes	Yes
<b>Wave-length</b>	1310nm	1310nm	1310nm	1310nm
<b>Connector</b>	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector
<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year
	SFPGES30	SFPGES30T	SFPGES30D	SFPGES30DT
	SFP, 1000Mbps, LC, single, 30KM, 0~70°C	SFP, 1000Mbps, LC, single, 30KM, -40~85°C	SFP, 1000Mbps, LC, single, DDM, 30KM, 0~70°C	SFP, 1000Mbps, LC, single, DDM, 30KM, -40~85°C
<b>Transceiver Type</b>	Single-Mode	Single-Mode	Single-Mode	Single-Mode
<b>Typical Distance</b>	30KM	30KM	30KM	30KM
<b>DDM</b>	No	No	Yes	Yes
<b>Wave-length</b>	1310nm	1310nm	1310nm	1310nm
<b>Connector</b>	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector

<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year
	SFPGES40	SFPGES40T	SFPGES40D	SFPGES40DT
	SFP, 1000Mbps, LC, single, 40KM, 0~70°C	SFP, 1000Mbps, LC, single, 40KM, -40~85°C	SFP, 1000Mbps, LC, single, DDM, 40KM, 0~70°C	SFP, 1000Mbps, LC, single, DDM, 40KM, -40~85°C
<b>Transceiver Type</b>	Single-Mode	Single-Mode	Single-Mode	Single-Mode
<b>Typical Distance</b>	40KM	40KM	40KM	40KM
<b>DDM</b>	No	No	Yes	Yes
<b>Wave-length</b>	1310nm	1310nm	1310nm	1310nm
<b>Connector</b>	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector
<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year
	SFPGES10-A	SFPGES10T-A	SFPGES10D-A	SFPGES10DT-A
	SFP, 1000Mbps, LC, single, 10KM, BiDi TX-1310nm RX-1550nm, 0~70°C	SFP, 1000Mbps, LC, single, 10KM, BiDi TX-1310nm RX-1550nm, -40~85°C	SFP, 1000Mbps, LC, single, DDM, 10KM, BiDi TX-1310nm RX-1550nm, 0~70°C	SFP, 1000Mbps, LC, single, DDM, 10KM, BiDi TX-1310nm RX-1550nm, -40~85°C
<b>Transceiver Type</b>	Single-Mode	Single-Mode	Single-Mode	Single-Mode
<b>Typical Distance</b>	10KM	10KM	10KM	10KM
<b>DDM</b>	No	No	Yes	Yes
<b>Wave-length</b>	TX-1310nm RX-1550nm	TX-1310nm RX-1550nm	TX-1310nm RX-1550nm	TX-1310nm RX-1550nm
<b>Connector</b>	Simplex LC Connector	Simplex LC Connector	Simplex LC Connector	Simplex LC Connector
<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year
	SFPGES10-B	SFPGES10T-B	SFPGES10D-B	SFPGES10DT-B
	SFP, 1000Mbps, LC, single, 10KM, BiDi TX-1550nm RX-1310nm, 0~70°C	SFP, 1000Mbps, LC, single, 10KM, BiDi TX-1550nm RX-1310nm, -40~85°C	SFP, 1000Mbps, LC, single, DDM, 10KM, BiDi TX-1550nm RX-1310nm, 0~70°C	SFP, 1000Mbps, LC, single, DDM, 10KM, BiDi TX-1550nm RX-1310nm, -40~85°C
<b>Transceiver Type</b>	Single-Mode	Single-Mode	Single-Mode	Single-Mode
<b>Typical Distance</b>	10KM	10KM	10KM	10KM
<b>DDM</b>	No	No	Yes	Yes
<b>Wave-length</b>	TX-1550nm RX-1310nm	TX-1550nm RX-1310nm	TX-1550nm RX-1310nm	TX-1550nm RX-1310nm
<b>Connector</b>	Simplex LC Connector	Simplex LC Connector	Simplex LC Connector	Simplex LC Connector
<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year

## 1-port 10 Gigabit Ethernet SFP modules

	SFPXGM03D	SFPXGM03DT	SFPXGS10D	SFPXGS10DT
	SFP+, 10Gbps, LC, multi, DDM, 300M, 0~70°C	SFP+, 10Gbps, LC, multi, DDM, 300M, -40~85°C	SFP+, 10Gbps, LC, single, DDM, 10KM, 0~70°C	SFP+, 10Gbps, LC, single, DDM, 10KM, -40~85°C
<b>Transceiver Type</b>	Single-Mode	Single-Mode	Single-Mode	Single-Mode
<b>Typical Distance</b>	300M	300M	10KM	10KM
<b>DDM</b>	Yes	Yes	Yes	Yes
<b>Wave-length</b>	850nm	850nm	1310nm	1310nm
<b>Connector</b>	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector
<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year

## 1-port 100M Ethernet SFP modules

	SFPFEM2	SFPFEM2T	SFPFES30	SFPFES30T
	SFP, 100Mbps, LC, multi, 2KM, 0~70°C	SFP, 100Mbps, LC, multi, 2KM, -40~85°C	SFP, 100Mbps, LC, single, 30KM, 0~70°C	SFP, 100Mbps, LC, single, 30KM, -40~85°C
<b>Transceiver Type</b>	Multi-Mode	Multi-Mode	Single-Mode	Single-Mode
<b>Typical Distance</b>	2KM	2KM	30KM	30KM
<b>DDM</b>	No	No	No	No
<b>Wave-length</b>	1310nm	1310nm	1310nm	1310nm
<b>Connector</b>	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector
<b>Power Consumption</b>	Max. 1 W	Max. 1 W	Max. 1 W	Max. 1 W
<b>Operating Temperature</b>	0~70°C	-40~85°C	0~70°C	-40~85°C
<b>Storage Temperature</b>	-40~85°C	-40~85°C	-40~85°C	-40~85°C
<b>Warranty</b>	1 year	1 year	1 year	1 year