



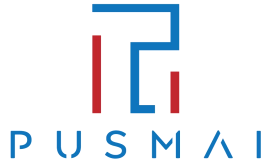
Shenzhen PUSMAI Technology Co., Ltd.

● Optic Module Series

www.pusmai.com

Email: info@pusmai.com

Company Introduction



Pusmai company established in Shenzhen, China at 2020 year . who are focused on research ,develop and sales fiber optic transceiver module and media converter product since established. we provide full series product from 155M to 400G different packages and rate product . which are wildly used in worldwide along with Huawei/Nokia/Cisco/Ericsson/Juniper/HP、Intel/ etc. systems.
After one year developing . Pusmai developed the team with 100 people. 5 develop engineer . 10 sales team and rest of production team.

We have Eye diagram, Network Flow Meter, Spectrum Analyzer ,Aower Meter etc professional test equipment . which can ensure every product is tested and qualified before shipping .

All of our product pass the CE , FCC , Rosh certificate . ensure it's Healthy, Environmentally friendly products, and comply with international telecommunications standards . Provide high quality optical transceiver and professional ODM/OEM service.

CONTENTS

- | | |
|--|---|
| I. 1.25G Fiber Optic Transceiver Module | VII. 100G QSFP28 Fiber Optic Transceiver Module |
| II. 3G Fiber Optic Transceiver Module | VIII. 50G /200G/400G Optic Transceiver Module |
| III. 10G SFP+ Fiber Optic Transceiver Module | IX. AOC |
| IV. 10G XFP Fiber Optic Transceiver Module | X. DAC |
| V. 25G SFP28 Fiber Optic Transceiver Module | XI. PON series Optic Transceiver Module |
| VI. 40G QSFP+ Fiber Optic Transceiver Module | XII. Media Converter |

1.25G Fiber Optic Transceiver Module

Copper SFP Transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
PGLC-1G-T	1000M	-----	100M	-----	-----	----	RJ45
PGLC-A1G-T	10/100/1000M	-----	100M	-----	-----	----	RJ45

Note: 10/100/1000M is adaptive copper transceiver

SFP Dual Fiber Optic transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
P1G-85SCD-L03	1.25Gb/s	850 nm	550M	-3~-8	≤-18	VCSEL	LC
P1G-31SCD-L10	1.25Gb/s	1310nm	10KM	-3~-9	≤-24	FP	LC
P1G-31SCD-L40	1.25Gb/s	1310nm	40KM	0~-5	≤-24	DFB	LC
P1G-55SCD-L80	1.25Gb/s	1550nm	80KM	0~5	≤-26	DFB	LC
P1G-55SCD-L120	1.25Gb/s	1550nm	120KM	0~5	≤-34	DFB	LC
P1G-CWxxSCD-L80	1.25Gb/s	**nm	80KM	0~3	≤-26	DFB	LC
P1G-CWxxSCD-L120	1.25Gb/s	C17~C61 channel	120KM	0~5	≤-32	DFB	LC

Note: CWDM ModelCorrespond wavelength : 1270nm ~1610nm,
DWDM Model** Correspond channel :C17(1563.86nm)~C61(1528.77nm)**

SFP BIDI SFP Transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
P1G-T31SCD-L03	1.25Gb/s	Tx1310/Rx1550nm	3KM	-3~-9	≤-22	FP	LC/SC
P1G-T55SCD-L03	1.25Gb/s	Tx1550/Rx1310nm	3KM	-3~-9	≤-22	FP	LC/SC
P1G-T31SCD-L10	1.25Gb/s	Tx1310/Rx1550nm	10KM	-3~-9	≤-22	FP	LC/SC
P1G-T55SCD-L10	1.25Gb/s	Tx1550/Rx1310nm	10KM	-3~-9	≤-22	DFB	LC/SC
P1G-T31SCD-L40	1.25Gb/s	Tx1310/Rx1550nm	40KM	0~-5	≤-24	DFB	LC/SC
P1G-T55SCD-L40	1.25Gb/s	Tx1550/Rx1310nm	40KM	0~-5	≤-24	DFB	LC/SC
P1G-T49SCD-L80	1.25Gb/s	Tx1490/Rx1550nm	80KM	0~3	≤-26	DFB	LC/SC
P1G-T55SCD-L80	1.25Gb/s	Tx1550/Rx1490nm	80KM	0~3	≤-26	DFB	LC/SC
P1G-T49SCD-L120	1.25Gb/s	Tx1490/Rx1550nm	120KM	0~3	≤-34	DFB	LC/SC
P1G-T55SCD-L120	1.25Gb/s	Tx1550/Rx1490nm	120KM	0~3	≤-34	DFB	LC/SC

Note: 10KM and 40KM wavelength can be chosen from 1310 nm/1490 nm or 1310 nm/1550 nm

Application

1.25Gb/s 1000Base Fast ethernet
Fiber Network SONET OC-3 / SDH STM-1

Features

Hot-pluggable SFP footprint
Single LC / Single SC / Dual LC connector
Wide distance supported from 550m to 120km
Built-in digital diagnostic functions
Compliant with SFP MSA
18-wavelength CWDM 1270nm to 1610nm available
DWDM 100GHz ITU Grid C Band available
Operating temperature range 0~70°C or -40~85°C optional
Single +3.3V power supply
RoHS 6 compliant (lead free)

3G Fiber Optic Transceiver Module

Description

The 3G-SDI SFP Tx optical module is specially designed for 3G-SDI video optical fiber transmission. It is only used for signal transmission and should be used in conjunction with the 3G-SDI SFP Rx optical module.

Application

- SD-SDI
- HD-SDI
- 3G-SDI

Features

- Hot-swappable SFP package
- Comply with SMPTE ST-297-2015 standard
- Metal shell, reduce EMI
- Support SD-SDI, HD-SDI and 3G-SDI video morbid mode
- Single channel full duplex transceiver module
- Support 3Gb/s data rate
- Single LC interface
- Single 3.3V power supply
- Comply with RoHS-6 (lead-free)

3Gb/s SFP Dual Fiber Optic transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
P3G-85SCD-L03	3Gb/s	850 nm	300M	-3~-8	≤-17	VCSEL	LC
P3G-31SCD-L10	3Gb/s	1310nm	10KM	-3~-9	≤-18	DFB	LC
P3G-31SCD-L40	3Gb/s	1310nm	40KM	0~3	≤-20	DFB	LC
P3G-55SCD-L80	3Gb/s	1550nm	80KM	0~5	≤-28	DFB	LC
P3G-CWxxSCD-L80	3Gb/s	**nm	80KM	0~5	≤-28	DFB	LC

Note: Model **and wavelength **Correspond wavelength : 1270nm ~1610nm

3Gb/s SFP BIDI SFP Transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
P3G-T31SCD-L02	3Gb/s	Tx1310/Rx1550nm	2KM	-3~-9	≤-18	FP	LC/SC
P3G-T55SCD-L02	3Gb/s	Tx1550/Rx1310nm	2KM	-3~-9	≤-18	FP	LC/SC
P3G-T31SCD-L10	3Gb/s	Tx1310/Rx1550nm	10KM	-1~-5	≤-20	DFB	LC/SC
P3G-T55SCD-L10	3Gb/s	Tx1550/Rx1310nm	10KM	-1~-5	≤-20	DFB	LC/SC
P3G-T31SCD-L40	3Gb/s	Tx1310/Rx1550nm	40KM	0~3	≤-22	DFB	LC/SC
P3G-T55SCD-L40	3Gb/s	Tx1550/Rx1310nm	40KM	0~3	≤-22	DFB	LC/SC

10G SFP+ Fiber Optic Transceiver Module

Description

Pusmai (10 Gigabit Small Form Factor Pluggable) is a hot pluggable optical transceiver, Independent of the communication protocol . Used to SONET/SDH for 10Gbps, Fiber Channel, gigabit Ethernet, 10 gigabit Ethernet and other applications, including DWDM links. A more compact form factor package than the X2 and XENPAK , same size as the SFP, Lower cost than XFP.

Features

- Support multi protocol from 9.9Gb/s to 11.3Gb/s
- 2-wire interface for management and diagnostic monitor
- Build-in digital diagnostic functions
- Compliant with SFP+ MSA
- Compliant with IEEE 802.3ae 10GBASE
- Operating temperature range: 0~70°C or -40~85°C optional
- Low power consumption
- RoHS 6 compliant (lead free)

Application

10GBASE Ethernet
SONET OC-192/SDH
STM-64

10Gb/s SFP+ Dual Fiber Optic transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
PGLC-10G-T	10Gb/s	-	100M	-	-	-	RJ45
P10G-85SCD-L03	10Gb/s	850nm	300M	-1~-5	≤-12	VCSEL	LC
P10G-31SCD-L10	10Gb/s	1310nm	2KM	-1~-6	≤-14.4	FP	LC
P10G-31SCD-L10	10Gb/s	1310nm	10KM	-1~-6	≤-14.4	DFB	LC
P10G-55SCD-L40	10Gb/s	1550nm	40KM	-1~3	≤-15.8	EML	LC
P10G-55SCD-L80	10Gb/s	1550nm	80KM	0~4	≤-23	EML	LC
P10G-CWxxSCD-L10	10Gb/s	1270nm~1450nm	10KM	-1~-5	≤-14.4	DFB	LC
P10G-CWxxSCD-L40	10Gb/s	1470nm~1610nm	40KM	-1~3	≤-15.8	EML	LC
P10G-CWxxSCD-L80	10Gb/s	1470nm~1610nm	80KM	0~4	≤-23	EML	LC
P10G-DWxxSCD-L40	10Gb/s	C17—C61	40KM	-1~3	≤-15.8	EML	LC
P10G-DWxxSCD-L80	10Gb/s	C17—C61	80KM	0~4	≤-23	EML	LC

Note: CWDM Model**Correspond wavelength : 1270nm ~1610nm,
DWDM Model** Correspond channel :C17(1563.86nm)~C61(1528.77nm)

10Gb/s SFP+ BIDI SFP Transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
P10G-T27SCD-L10	10Gb/s	Tx1270nm/Rx1330nm	10KM	-1~-5	≤-14.4	DFB	LC
P10G-T33SCD-L10	10Gb/s	Tx1330nm/Rx1270nm	10KM	-1~-5	≤-14.4	DFB	LC
P10G-T27SCD-L40	10Gb/s	Tx1270nm/Rx1330nm	40KM	0~5	≤-15.8	DFB	LC
P10G-T33SCD-L40	10Gb/s	Tx1330nm/Rx1270nm	40KM	0~5	≤-15.8	DFB	LC
P10G-T27SCD-L60	10Gb/s	Tx1270nm/Rx1330nm	60KM	0~5	≤-20	DFB	LC
P10G-T33SCD-L60	10Gb/s	Tx1330nm/Rx1270nm	60KM	0~5	≤-20	DFB	LC

10G XFP Fiber Optic Transceiver Module

Description

XFP is a standard package of serial 10G optical transceiver module. It is protocol independent and fully comply the following standards: 10G Ethernet, 10G Fiber Channel, SONET / OC-192 and SDH / STM-64 . XFP optical transceiver module used for Data communications and fiber optic connection in telecommunications transmission network. The advantage is having a smaller Pin than other 10G optical transponder (such as XENPAK, X2) . The electrical interfaces is standardized XFP 10G serial interface.

01

Application

10GBASE Ethernet
SONET OC-192/SDH
STM-64

02

Features

- Support multi protocol from 9.9Gb/s to 11.3Gb/s
- 2-wire2-wire interface for management and diagnostic monitor
- Build-in digital diagnostic functions
- Compliant with XFP MSA
- Compliant with IEEE 802.3ae 10GBASE
- Compliant with 10G FC
- Compliant with SONET OC-192 / SDH STM-64
- Operating temperature range: 0~70°C or -40~85°C optional
- Low power consumption
- RoHS 6 compliant (lead free)

03

10Gb/s XFP Dual Fiber Optic transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
P10G-85XCD-L03	10Gb/s	850nm	300M	-1~-5	≤-12	VCSEL	LC
P10G-31XCD-L2	10Gb/s	1310nm	2KM	-1~-6	≤-14.4	FP	LC
P10G-31XCD-L10	10Gb/s	1310nm	10KM	-1~-6	≤-14.4	DFB	LC
P10G-55XCD-L40	10Gb/s	1550nm	40KM	-1~3	≤-15.8	EML	LC
P10G-55XCD-L80	10Gb/s	1550nm	80KM	0~4	≤-23	EML	LC
P10G-CWxxXCD-L10	10Gb/s	1270nm~1450nm	10KM	-1~-5	≤-14.4	DFB	LC
P10G-CWxxXCD-L40	10Gb/s	1470nm~1610nm	40KM	-1~3	≤-15.8	EML	LC
P10G-CWxxXCD-L80	10Gb/s	1470nm~1610nm	80KM	0~4	≤-23	EML	LC
P10G-DWxxXCD-L40	10Gb/s	C17—C61 channel	40KM	-1~3	≤-15.8	EML	LC
P10G-DWxxXCD-L80	10Gb/s	C17—C61 channel	80KM	0~4	≤-23	EML	LC

Note: CWDMM Model**Correspond wavelength : 1270nm ~1610nm,
DWDMM Model** Correspond channel :C17(1563.86nm)~C61(1528.77nm)

10Gb/s XFP BIDI SFP Transceiver

Model	Rate	Wavelength	Transmission distance	Transmitter power	Receiver sensitivity	Diode	Interface
P10G-T27XCD-L10	10Gb/s	Tx1270nm/Rx1330nm	10KM	-1~-5	≤-14.4	DFB	LC
P10G-T33XCD-L10	10Gb/s	Tx1330nm/Rx1270nm	10KM	-1~-5	≤-14.4	DFB	LC
P10G-T27XCD-L40	10Gb/s	Tx1270nm/Rx1330nm	40KM	0~5	≤-15.8	DFB	LC
P10G-T33XCD-L40	10Gb/s	Tx1330nm/Rx1270nm	40KM	0~5	≤-15.8	DFB	LC
P10G-T27XCD-L60	10Gb/s	Tx1270nm/Rx1330nm	60KM	0~5	≤-20	DFB	LC
P10G-T33XCD-L60	10Gb/s	Tx1330nm/Rx1270nm	60KM	0~5	≤-20	DFB	LC

25G SFP28 Fiber Optic Transceiver Module



Description

The Pusmai 25G SFP28 series optical transceiver include SR, LR, ER, CWDM, DWDM, LWDM, MWDM and so on. This series of optical transceivers use LC optical interface, with low power consumption, small size, high reliability, wide temperature range and other characteristics, mainly used in data center server access, 5G fronthaul.

Features

- Hot pluggable SFP28 MSA form package, SFP28 MSA compliant
- +3.3V power supply
- Supports 25.78Gb/s data rate
- I2C management interface
- RoHS compliance
- Operating temperature range: 0~70°C(Commercial) /-20~85°C(Extended)/-40~85°C(industrial)

25Gb/s SFP28 Dual Fiber Optic transceiver

PN	Rate	Wavelength(nm) &Diode	Distance	Form Factor	Application	Interface
P25G-85XCD-L01	25G	850nm Vcsel	100m	SFP28	25GBase-SR	Dual LC
P25G-31XCD-L20	25G	1310nm	10km/20KM	SFP28	25GBase-LR	Dual LC
P25G-T27(33)SCD-L20	25G	1270nm/1330nm	10km/20KM	SFP28	25GBase-LR	Single LC
P25G-CWxxXCD-L20	25G	1270nm/1290nm/1310nm/1330nm/1350nm/1370nm	10km/20KM	SFP28	25GBase-LR	Dual LC

Note: CWDM Model**Correspond wavelength : 1270nm ~1610nm,
DWDM Model** Correspond channel :C17(1563.86nm)~C61(1528.77nm)

40G QSFP+ Fiber Optic Transceiver Module

Description

Pusmai 40G QSFP+ optical transceiver conform to QSFP+ MSA, the optical transceiver adopt LC or MPO optical interface, with low power consumption, small size, high reliability characteristics, is conducive to the data center to increase capacity, improve ports density and reduce power consumption, widely used in the data center network interconnection.. Applications for our products include: Datacenter, Tele-communication, Data-communication, Enterprise, Storage, Metro and CWDM/DWDM network. we supplies a variety of compatible DAC, AOC and optical modules including QSFP28, QSFP+, SFP28, SFP+, XFP, SFP which satisfies the customers with the broad choices and high performance.

Features

- Hot pluggable SFP28 MSA form package, SFP28 MSA compliant
- +3.3V power supply
- Supports 25.78Gb/s data rate
- I2C management interface
- RoHS compliance
- Operating temperature range: 0~70°C(Commercial) /-20~85°C(Extended)/-40~85°C(industrial)

40Gb/s QSFP+ Dual Fiber Optic transceiver

PN	Rate	Wavelength(nm) &Diode	Distance	Form Factor	Application	Interface
P40G-85QCD-M01	40G	850nm Vcsel	100m	QSFP+	40GBase-SR4	MPO/MTP
P40G-31QCD-M2	40G	1310nm	2 KM	QSFP+	40GBase-PLR4/ 40GBase-PSM4	MPO/MTP
P40G-31QCD-L10	40G	1310nm Band	10km/20KM	QSFP+	40GBase-LR4	Dual LC
P40G-31QCD-L30	40G	1310nm Band	30KM	QSFP+	40GBase-ER4 lite	Dual LC
P40G-31QCD-L40	40G	1310nm Band	40KM	QSFP+	40GBase-ER4	Dual LC

Description

Pusmai 100G QSFP28 optical transceiver conform to QSFP+ MSA, the optical transceiver adopt LC or MPO optical interface, with low power consumption, small size, high reliability characteristics, is conducive to the data center to increase capacity, improve ports density and reduce power consumption, widely used in the data center network interconnection.. Applications for our products include: Datacenter, Tele-communication, Data-communication, Enterprise, Storage, Metro and CWDM/DWDM network. we supplies a variety of compatible DAC, AOC and optical modules including QSFP28, QSFP+, SFP28, SFP+, XFP, SFP which satisfies the customers with the broad choices and high performance.



Features

- Hot pluggable QSFP+ MSA form package, QSFP+ MSA compliant
- 4 independent full-duplex channels, Each channel has a maximum bandwidth of 11.2Gb/s
- 4*10Gb/s VCSEL/DFB/EML laser
- I2C management interface
- RoHS compliance
- Operating temperature range: 0~70°C(Commercial)

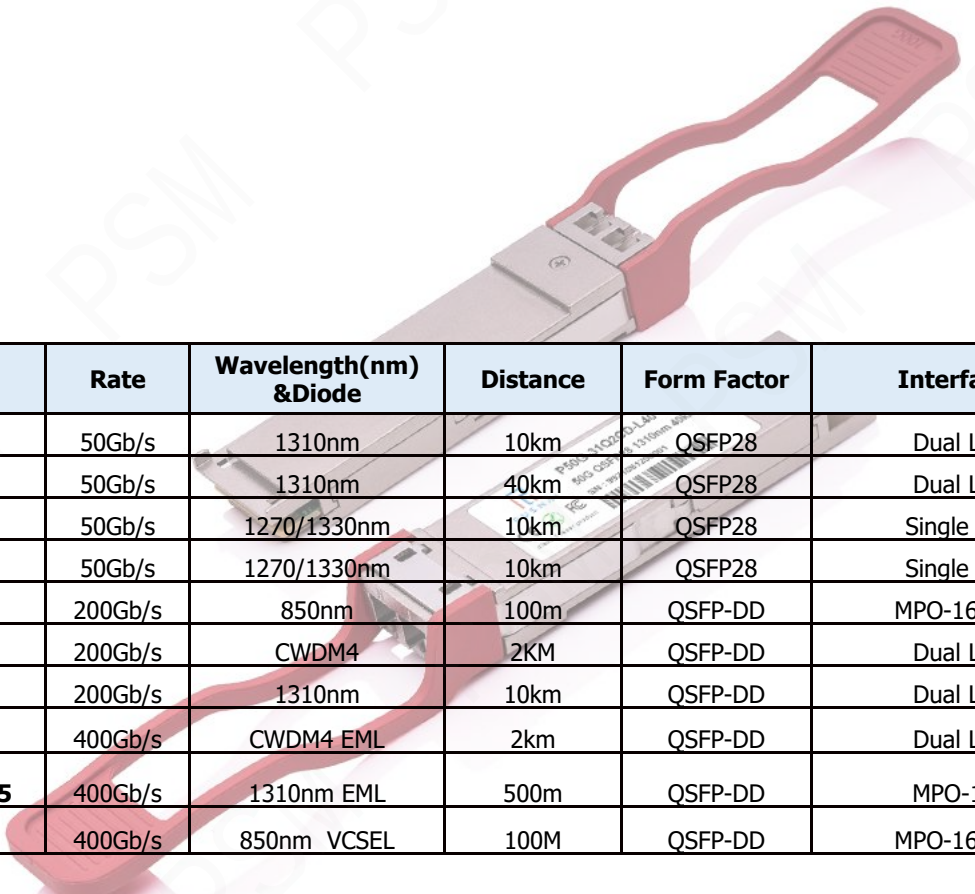


100Gb/s QSFP28 Dual Fiber Optic transceiver

PN	Rate	Wavelength(nm) &Diode	Distance	Form Factor	Application	Interface
P100G-85Q2CD-M01	100G	850nm	100M	QSFP28	100GBase-SR4	MPO
P100G-31Q2CD-M2	100G	1310nm	2KM	QSFP28	100GBase-PSM4	MPO
P100G-31Q2CD-L2	100G	1310nm	2KM	QSFP28	100GBase-CWDM4	Dual LC
P100G-31Q2CD-L10	100G	1310nm	10KM	QSFP28	100GBase-LR4	Dual LC
P100G-31Q2CD-L30	100G	1310nm	30KM	QSFP28	100GBase-ER4 Lite	Dual LC
P100G-31Q2CD-L40	100G	1310nm	40KM	QSFP28	100GBase-ER4	Dual LC
P100G-31Q2CD-L80	100G	1310nm	80KM	QSFP28	100GBase-ZR4	Dual LC

50G / 200G/400G Optic Transceiver Module

- Hot pluggable QSFP-DD/QSFP28 MSA form factor
- Compliant to IEEE802.3bs
- Supports 425/212.5/53.125Gb/s aggregate bit rate
- Single +3.3V power supply
- 400G / 200G up to 10km on SMF
- 50G up to 40km on SMF
- Operating temperature range: 0~70°C
- Built-in digital diagnostic functions
- RoHS 6 compliant (lead free)



PN	Rate	Wavelength(nm) &Diode	Distance	Form Factor	Interface
P50G-31Q2CD-L10	50Gb/s	1310nm	10km	QSFP28	Dual LC
P50G-31Q2CD-L40	50Gb/s	1310nm	40km	QSFP28	Dual LC
P50G-T27(33)Q2CD-L10	50Gb/s	1270/1330nm	10km	QSFP28	Single LC
P50G-T33(27)Q2CD-L10	50Gb/s	1270/1330nm	10km	QSFP28	Single LC
P200G-85QDCD-M01	200Gb/s	850nm	100m	QSFP-DD	MPO-16/24
P200G-CW4QDCD-L2	200Gb/s	CWDM4	2KM	QSFP-DD	Dual LC
P200G-31QDCD-L10	200Gb/s	1310nm	10km	QSFP-DD	Dual LC
P400G-CW4QDCD-L2	400Gb/s	CWDM4 EML	2km	QSFP-DD	Dual LC
P400G-31QDCD-PAM4-M05	400Gb/s	1310nm EML	500m	QSFP-DD	MPO-12
P400G-85QDDCD-M01	400Gb/s	850nm VCSEL	100M	QSFP-DD	MPO-16/24



Application

Data center

HPC interconnection



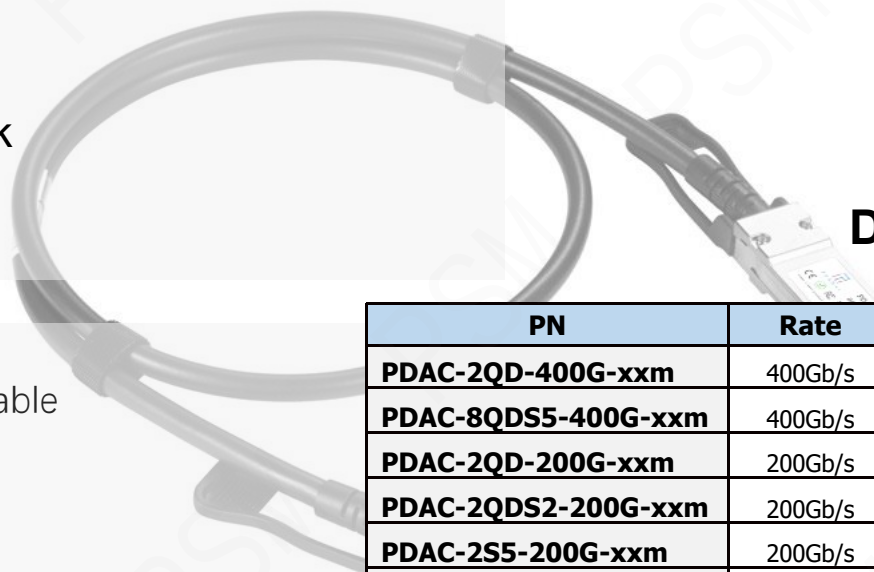
- Full-duplex active optical cable
- Hot pluggable form factor
- High reliable 850nm VCSEL technology
- Built-in digital diagnostic functions
- 3.3V power supply voltage
- Low power consumption
- Operating temperature range:0~70°C
- RoHS 6 compliant (lead free)

PN	Rate	Wavelength(nm) &Diode	Distance	Cable
PAOC-2QD-400G-xxm	400Gb/s	850nm VCSEL	0.5-100M	MMF
PAOC-2Q2-100G-xxm	100Gb/s	850nm VCSEL	0.5-100M	MMF
PAOC-2Q2-4x25G-xxm	100Gb/s	850nm VCSEL	0.5-100M	MMF
PAOC-2Q-40G-xxm	40Gb/s	850nm VCSEL	0.5-150M	MMF
PAOC-2Q-4x10G-xxm	40Gb/s	850nm VCSEL	0.5-150M	MMF
PAOC-2X-25G-xxm	25Gb/s	850nm VCSEL	0.5-100M	MMF
PAOC-2S-10G-xxm	10Gb/s	850nm VCSEL	0.5-200M	MMF

DAC



Application
Data center
Enterprise Network



DAC Cable



- Full-duplex direct attach cable
- Hot pluggable form factor
- 3.3V power supply voltage
- Low crosstalk
- Low power consumption
- Compliant with QSFP-DD /QSFP+/ SFP+ MSA
- Operating temperature range:-40~85°C
- RoHS 6 compliant (lead free)

PN	Rate	Distance	Form Factor	Cable
PDAC-2QD-400G-xxm	400Gb/s	0.5-3M	QSFP-DD	Copper
PDAC-8QDS5-400G-xxm	400Gb/s	0.5-3M	QSFP-DD / SFP56	Copper
PDAC-2QD-200G-xxm	200Gb/s	0.5-3M	QSFP-DD	Copper
PDAC-2QDS2-200G-xxm	200Gb/s	0.5-3M	QSFP-DD / SFP28	Copper
PDAC-2S5-200G-xxm	200Gb/s	0.5-3M	QSFP56	Copper
PDAC-4S5-200G-xxm	200Gb/s	0.5-3M	SFP56 / SFP56	Copper
PDAC-2Q2-100G-xxm	100Gb/s	0.5-5M	SFP28	Copper
PDAC-4Q2-100G-xxm	100Gb/s	0.5-5M	SFP28 / SFP28	Copper
PDAC-2Q-40G-xxm	40Gb/s	0.5-7M	QSFP+	Copper
PDAC-4Q-40G-xxm	40Gb/s	0.5-7M	QSFP+ / SFP+	Copper
PDAC-2X-25G-xxm	25Gb/s	0.5-5M	SFP28	Copper
PDAC-2S-10G-xxm	10Gb/s	0.5-7M	SFP+	Copper

PON Series Optic Transceiver Module



Application
Metro / Access Network
SONET/SDH STM 16/2xFC



- Single fiber Bi-Di data link
- SC receptable or pigtail optional
- Industry standard SFP footprint for ONU
- Industry standard 20 PIN SFP footprint for OLT
- VPECL compatible data input / output interface
- Class 1 laser safety
- standard IEC-60825
- compliantRoHS 6 compliant (lead free)

PON Series optic transceiver

PN	Form Factor	Rate	Wavelength	Output Power	Sensitivity
EPON ONU / OLT Module					
P31(49)-EU-PX-20+	SFP	1.25G Tx / 1.25G Rx	Tx1310 / Rx1490	-1.0~+4.0dBm	≤-26.0dBm
P31(49)-ET-PX-20+	SFP	1.25G Tx / 1.25G Rx	Tx1490 / Rx1310	+2.0~+7.0dBm	≤-30.0dBm
GPON ONU /OLT Module					
P31(49)-GU-B+	SFP	1.25G Tx / 1.25G Rx	Tx1310 / Rx1490	+0.5~+5.0dBm	≤-28.0dBm
P31(49)-GT-B+	SFP	2.5G Tx / 1.25G Rx	Tx1490 / Rx1310	+1.5~+5.0dBm	≤-28.0dBm
P31(49)-GT-C+	SFP	2.5G Tx / 1.25G Rx	Tx1490 / Rx1310	+3.0~+7.0dBm	≤-30.0dBm
P31(49)-GT-C++	SFP	2.5G Tx / 1.25G Rx	Tx1490 / Rx1310	+5.5~+10.0dBm	≤-33.0dBm
XGPON Module					
P57(27)-GT1-XGPON	SFP+	10G Tx / 2.5G Rx	Tx1577 / Rx1270	+2.5~+6.0dBm	≤-27.5dBm
P57(27)-GT2-XGPON	SFP+	10G Tx / 2.5G Rx	Tx1270 / Rx1577	+2.0~+5.0dBm	≤-28.0dBm

Media Converter

Application

- Applicable to the image, voice and other multimedia data transmission network,
- Applicable to a computer signal transmission point to point, Is widely used in computer data transmission network, meet a variety of business needs,
- Applicable to the campus broadband network, broadband cable network and intelligent residential FTTH fiber to the building, data transmission
- With the switches and other computer network equipment can be set up: chain, star, ring network and other computer network



Feature

- Provide 1 10 Gigabit optical port, 1 10 Gigabit adaptive electrical port
- The electrical port supports 1000Base-T, 2.5/5/10GBase-T auto-negotiation
- Support full-duplex IEEE802.3x flow control
- Support half-duplex back pressure flow control
- Working wavelength 850nm, 1310nm, 1550nm optional
- Provide multiple fiber transmission modes such as dual fiber multimode, dual fiber single mode and single fiber single mode
- Low power consumption, low heat, can work stably for a long time



1 optical port + 1 Electric port Media Converter (Support 10G)	PMDF-101E-Dxxkm	FE Dual Fiber 20KM /40 /80/120KM
	PMDF-101E-Sxxkm	FE Bidi 20KM /40 /80/120KM
	PMDG-101E-Dxxkm	GE Dual Fiber 20KM /40 /80/120KM
	PMDG-101E-Sxxkm	GE Bidi Fiber 20KM /40 /80/120KM
	PMDG-101E--SFP1	with SFP Cage
	PMDG-SFP2	SFP to SFP
1 optical port + 2 Electric port Media Converter	PMDF-102E-Dxxkm	FE Dual Fiber 20KM /40 /80/120KM
	PMDF-102E-Sxxkm	FE Bidi 20KM /40 /80/120KM
	PMDG-102E-Dxxkm	GE Dual Fiber 20KM /40 /80/120KM
	PMDG-102E-Sxxkm	GE Bidi Fiber 20KM /40 /80/120KM
1 optical port + 4 Electric port Media Converter	PMDF-104E-Dxxkm	FE Dual Fiber 20KM /40 /80/120KM
	PMDF-104E-Sxxkm	FE Bidi 20KM /40 /80/120KM
	PMDG-104E-Dxxkm	GE Dual Fiber 20KM /40 /80/120KM
	PMDG-104E-Sxxkm	GE Bidi Fiber 20KM /40 /80/120KM
1 optical port + 8 Electric port Media Converter	PMDF-108E-Dxxkm	FE Dual Fiber 20KM /40 /80/120KM
	PMDF-108E-Sxxkm	FE Bidi 20KM /40 /80/120KM
	PMDG-108E-Dxxkm	GE Dual Fiber 20KM /40 /80/120KM
	PMDG-108E-Sxxkm	GE Bidi Fiber 20KM /40 /80/120KM
	PMDG-108E-SFP1	with SFP Cage
2 optical port + 2 Electric port Media Converter	PMDF-202E-Dxxkm	FE Dual Fiber 20KM /40 /80/120KM
	PMDF-202E-Sxxkm	FE Bidi 20KM /40 /80/120KM
2 optical port + 3 Electric port Media Converter	PMDF-203E-Dxxkm	FE Dual Fiber 20KM /40 /80/120KM
	PMDF-203E-Sxxkm	FE Bidi 20KM /40 /80/120KM
2 optical port + 4 Electric port Media Converter	PMDG-204E-Dxxkm	GE Dual Fiber 20KM /40 /80/120KM
	PMDG-204E-Sxxkm	GE Bidi Fiber 20KM /40 /80/120KM
2 optical port + 8 Electric port Media Converter	PMDG-208E-Dxxkm	GE Dual Fiber 20KM /40 /80/120KM
	PMDG-208E-Sxxkm	GE Bidi Fiber 20KM /40 /80/120KM
	PMDG-208E-SFP2	with SFP Cage
2 Electric port + 8 optical port Media Converter	PMDG-802E-Sxxkm-SFP8	GE Bidi Fiber 20KM /40 /80/120KM +with SFP cage
	PMDG-802E-SFP8	with SFP cage
4 Electric port + 2 optical port Media Converter	PMDG-204E-Dxxkm	GE Dual Fiber 20KM /40 /80/120KM
	PMDG-204E-Sxxkm	GE Bidi Fiber 20KM /40 /80/120KM
14 slot steel Black Racmount Type	PMDG-RCS14	
16 slot steel Racmount Type	PMDG-RCS16	
16 slot Aluminum Racmount Type	PMDG-RCA16	



THANKS FOR WATCHING !

Shenzhen PUSMAI Technology Co.,Ltd

Add: 6F, Bldg B, Yuanchuang Industry Park , Dalang Str.,Longhua,Dis.,Shenzhen,518129 ,Guangdong ,CN.

Contact : info@pusmai.com