

PoFLink™



**Optical Networking Solutions
for Telcos and Enterprise**

CATALOGUE



5 years of
Innovation
2009-2014 5 years

Professional Development and Manufacturing Platform



About *POFLINK*

POFLink was established in 2009 as a global leading supplier for fiber optical components with perfect technique&production, abundant technology development capability fo photonics products and network items.

OC-3 STM-1 SDH FE at up to 155 Mbit/s;

OC-12 STM-4 SDH at up to 622 Mbit/s;

GBE FC at up to 1.25 Gbit/s;

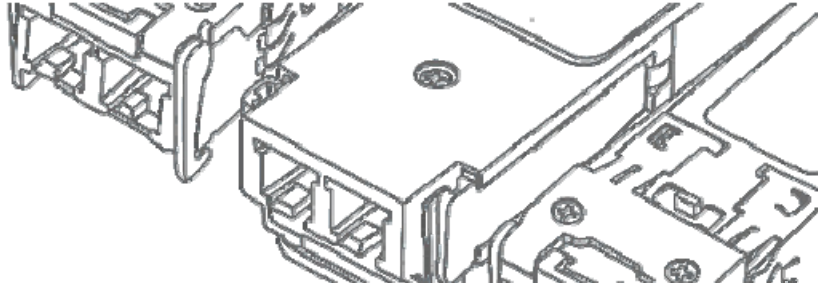
OC-48 STM-16 SDH GBE FC at up to 2.5 Gbit/s;

GBE FC at up to 4.25 Gbit/s;

10GbE OC-192|STM-64 at 10Gbit/s;

40GbE, STM- 256|OC-768 and
OTU3 tri-rate serial signal transport

POFLink established a full set of advanced system for products development, innovation manufacturing and sales.POFLink mainly offers Optical transceivers, 10G SFP+|XFP series and 2.5Gb/s-10Gb/s SFP, WDM SFP, GBIC, 100Gb|40Gb CFP transceiver modules. And our products could be perfect compatible with most popular brand such as Cisco, HP, Extreme,Foundry,Nortel,Siemens,H3C, Huawei, Alcatel, Netgear, D-link, Linksys...



Product

*POFLink Network
POFLink Solutions*

OAM

Form	Data Rate	Part Number	Reach	Wavelength	LD	PD	Pout (min)	Sensitivity (max)	Link Budget	Operating Case Temperature	
EFM	Duplex Transceivers	1.25Gb/s (GbE)	PF3631-3I	10km	1310nm	FP	PIN	-9dBm	-20dBm	11dB	-40~85°C
			PF3632-3I	20km	1310nm	FP	PIN	-7dBm	-22dBm	15dB	-40~85°C
			PF363D4-3I	40km	1310nm	DFB	PIN	-5dBm	-22dBm	17dB	-40~85°C
			PF365D8-3I	80km	1550nm	DFB	PIN	0dBm	-24dBm	24dB	-40~85°C
	Bi-directional Transceivers	1.25 Gb/s (GbE)	PB4631-3I/PB465D1-3I	10km	1310nm/1550nm	FP/DFB	PIN	-9dBm	-20dBm	11dB	-40~85°C
			PB4632-3I/PB465D2-3I	20km	1310nm/1550nm	FP/DFB	PIN	-7dBm	-22dBm	15dB	-40~85°C
			PB463D4-3I/PB465D4-3I	40km	1310nm/1550nm	DFB	PIN	-3dBm	-25dBm	22dB	-40~85°C
			PB464D8-3I/PB465D8-3I	80km	1490nm/15550m	DFB	PIN	-1dBm	-26dBm	25dB	-40~85°C
CFM	Duplex Transceivers	1.25Gb/s (GbE)	PG5631	10km	1310nm	FP	PIN	-9dBm	-20dBm	11dB	-40~85°C
			PG5632	20km	1310nm	FP	PIN	-7dBm	-22dBm	15dB	-40~85°C
			PG563D4	40km	1310nm	DFB	PIN	-5dBm	-22dBm	17dB	-40~85°C
			PG565D8	80km	1550nm	DFB	PIN	0dBm	-24dBm	24dB	-40~85°C
	Bi-directional Transceivers	1.25 Gb/s (GbE)	PTP4631/PTP465D1	10km	1310nm/1550nm	FP/DFB	PIN	-9dBm	-20dBm	11dB	-40~85°C
			PTP4632/PTP465D2	20km	1310nm/1550nm	FP/DFB	PIN	-7dBm	-22dBm	15dB	-40~85°C
			PTP4634/PTP465D4	40km	1310nm/1550nm	DFB	PIN	-3dBm	-25dBm	22dB	-40~85°C
			PTP4638/PTP465D8	80km	1490nm/1590nm	DFB	PIN	-1dBm	-26dBm	25dB	-40~85°C

* x denotes temperature option: S=standard temp(0 to 70°C or -5 to 75°C) E=extended temp(-5 to 85°C) I=industrial temp(-40 to 85°C)

* OAM (Operation, Administration, Maintenance) model

- EFM: Ethernet in First Miles; complies with IEEE 802.3ah
- CFM: Connectivity Fault Management; complies with IEEE 802.1ag & ITU-T Y.1731

TSoP (Transparent SONET/SDH over Packet) model

- Fully transparent method for transporting SONET/SDH traffic across a packet network
- Same requirements defined in ITU-T G.825 and Telcordia GR-253

SFP+

	Data Rate	Part Number	Reach	Wavelength	LD	PD	Standard	Operating Case Temperature
CWDM	10 Gb/s	PLS-10G-CXXXX-LR	10km	1270nm~1610nm	DFB	PIN	10GBASE-LR(LW) (10GbE)	0~70°C
		PLS-10G-CXXXX-ER	40km	1270nm~1450nm	DFB	APD	10GBASE-ER(EW) (10GbE) ¹	-40~85°C
		PLS-10G-CXXXX-ER1	40km	1470nm~1610nm	EML	PIN	S64.2b/IR-2 / 10GBASE-ER(EW) (10GbE)	-40~85°C
		PLS-10G-CXXXX-ZR	80km	1470nm~1610nm	EML	APD	L64.2a/LR-2 / 10GBASE-ZR(ZW) (10GbE)	-40~85°C
DWDM	10 Gb/s	PLS-10G-DXXXX-ER	40km	C Band	EML	PIN	S64.2b/IR-2 / 10GBASE-ER(EW) (10GbE)	-40~85°C
		PLS-10G-DXXXXOZR	80km	C Band	EML	APD	L64.2a/LR-2 / 10GBASE-ZR(ZW) (10GbE)	-40~85°C
Gray Optics	10 Gb/s	PLS-10G-SR	300m	850nm	VCSEL	PIN	10GBASE-SR(SW) (10GbE) / 1200-MX-SN-I (10GFC)	-40~85°C
		PLS-10G-LR	10km	1310nm	DFB	PIN	10GBASE-LR(LW) (10GbE)	-40~85°C
		PLS-10G-ER	40km	1550nm	EML	PIN	S64.2b/IR-2 / 10GBASE-ER(EW) (10GbE)	-40~85°C
		PLS-10G-ZR	80km	1550nm	EML	APD	L64.2a/LR-2 / 10GBASE-ZR(ZW) (10GbE)	-40~85°C

XFP

	Data Rate	Part Number	Reach	Wavelength	LD	PD	Standard	Operating Case Temperature
CWDM	10 Gb/s	PLX-10G-CXXXX-ER	40km	1270nm~1450nm	DFB	APD	10GBASE-ER(EW) (10GbE) ¹	-40~85°C
		PLX-10G-CXXXX-ER1	40km	1470nm~1610nm	EML	PIN	S64.2b/IR-2 / 10GBASE-ER(EW) (10GbE)	-40~85°C
		PLX-10G-CXXXX-ZR	80km	1470nm~1610nm	EML	APD	L64.2a/LR-2 / 10GBASE-ZR(ZW) (10GbE)	-40~85°C
DWDM	10 Gb/s	PLX-10G-DXXXX-ER	40km	C Band	EML	PIN	S64.2b/IR-2 / 10GBASE-ER(EW) (10GbE)	-40~85°C
		PLX-10G-DXXXX-ZR	80km	C Band	EML	APD	L64.2a/LR-2 / 10GBASE-ZR(ZW) (10GbE)	-40~85°C
Gray Optics	10 Gb/s	PLX-10G-SR	300m	850nm	VCSEL	PIN	10GBASE-SR(SW) (10GbE) 1200-MX-SN-I (10GFC)	-40~85°C
		PLX-10G-LR	10km	1310nm	DFB	PIN	10GBASE-LR(LW) (10GbE) 1200-SM-LL-L (10GFC)	-40~85°C
		PLX-10G-ER	40km	1550nm	EML	PIN	S64.2b/IR-2 10GBASE-ER(EW) (10GbE)	-40~85°C
	10Gb/s with CDR	PLX-10G-ZR	80km	1550nm	EML	APD	L64.2a/LR-2 10GBASE-ZR(ZW) (10GbE)	-40~85°C

*¹ = Compatible

* XX denotes CWDM and DWDM wavelength grid, for example 1270nm "27" 1330nm "33"

10 Gigabit Xenpak

	Data Rate	Part Number	Reach	Wavelength	LD	PD	Pout (min)	Sensitivity (max)	Link Budget	Operating Case Temperature
Xenpak	10Gb/s	PLK-10G-SR	300m	850nm	VCSEL	PIN	-5.2	-11.1	11dB	0-70°C
	10Gb/s	PLK-10G-LR	10km	1310nm	DFB	PIN	-8.2	-12.6	15dB	0-70°C
	10Gb/s	PLK-10G-ER	40km	1550nm	EML	PIN	-1	-16	17dB	0-70°C
	10Gb/s	PLK-10G-ZR	80km	1550nm	EML	APD	0	-23	24dB	0-70°C

10 Gigabit X2

	Data Rate	Part Number	Reach	Wavelength	LD	PD	Pout (min)	Sensitivity (max)	Link Budget	Operating Case Temperature
X2	10Gb/s	PX2-10G-SR	300m	850nm	VCSEL	PIN	-5.2	-11.1	11dB	0-70°C
	10Gb/s	PX2-10G-LR	10km	1310nm	DFB	PIN	-8.2	-12.6	15dB	0-70°C
	10Gb/s	PX2-10G-ER	40km	1550nm	EML	PIN	-1	-16	17dB	0-70°C
	10Gb/s	PX2-10G-ZR	80km	1550nm	EML	APD	0	-23	24dB	0-70°C

Bi-directional Transceivers

	Form	Data Rate	Part Number	Reach	Wavelength	LD	PD	Pout (min)	Sensitivity (max)	Link Budget	Operating Case Temperature
Dual Wave- length	SFP+	10 Gb/s	PLS-10G-27/33-10	10km	1270nm /1330nm	DFB	PIN	-5dBm	-14.4dBm	9.4dB	-40~85°C
			PLS-10G-27/33-20	20km	1270nm /1330nm	DFB	PIN	1dBm	-14dBm	15dB	-40~85°C
			PLS-10G-27/33-40	40km	1270nm /1330nm	DFB	PIN	1dBm	-15dBm	16dB	-40~85°C
			PLS-10G-27/33-40A	40km	1270nm /1330nm	DFB	APD	1dBm	-18dBm	19dB	-40~85°C
	XFP	10 Gb/s	PLX-10G-27/33-10	10km	1270nm /1330nm	DFB	PIN	-5dBm	-14.4dBm	9.4dB	-40~85°C
			PLX-10G-27/33-20	20km	1270nm /1330nm	DFB	PIN	1dBm	-14dBm	15dB	-40~85°C
			PLX-10G-27/33-40	40km	1270nm /1330nm	DFB	PIN	2dBm	-14dBm	16dB	-40~85°C
			PLX-10G-27/33-40A	40km	1270nm /1330nm	DFB	APD	1dBm	-18dBm	19dB	-40~85°C
	SFP+	6 Gb/s	PLS-6G-27/33-10	10km	1270nm /1330nm	DFB	PIN	-5dBm	-13dBm	8dB	0~70°C
			PLS-6G-27/33-20	20km	1270nm /1330nm	DFB	PIN	-3dBm	-16dBm	13dB	-40~85°C
			PLS-6G-27/33-40	40km	1270nm /1330nm	DFB	PIN	1dBm	-15dBm	16dB	-40~85°C
			PLS-6G-27/33-40A	40km	1270nm /1330nm	DFB	APD	1dBm	-18dBm	19dB	-40~85°C
		2.5 Gb/s (STM-16/ OC-48)	PB863D1/PB865D1	15km	1310nm/1490nm/1550nm	DFB	PIN	-5dBm	-19dBm	14dB	-40~85°C
			PB864D4/PB865D4	40km	1490nm/1590nm	DFB	PIN	-5dBm	-19dBm	14dB	-40~85°C
			PB864D8/PB865D8	80km	1490nm/1590nm	DFB	APD	-2dBm	-28dBm	26dB	-40~85°C
			PB4631/PB465D1	10km	1310nm/1550nm	FP/DFB	PIN	-9dBm	-20dBm	11dB	-40~85°C
1.25 Gb/s (GbE)		PB4632/PB465D2	20km	1310nm/1550nm	FP/DFB	PIN	-7dBm	-22dBm	15dB	-40~85°C	
		PB463D4/PB465D4	40km	1310nm/1550nm	DFB	PIN	-3dBm	-25dBm	22dB	-40~85°C	
		PB4648/PB465D8	80km	1490nm/1550nm	DFB	PIN	-1dBm	-25dBm	24dB	-40~85°C	



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