

Optical Transceivers and Cages

Fibre Channel

- Storage networks
- SANs
- Hubs, switches, routers
- Enterprise servers and data centers
- Video conferencing
- Host Bus Adapters (HBAs)

Ethernet/SONET

- Backbone networks/LANs
- Network Interface Cards (NICs)
- Internet and e-mail
- Desktop computing
- Video switches
- Data switches
- Routers, hubs, repeaters
- Network Attached Storage (NAS)

Optical Transceivers — Ethernet & Fibre Channel

Product Code	Data Rate (Gb/s)	Wavelength (nm)	Pin Array	Distance (m)	Latch Handle Type	Temp. Range (°C)	Fibre Ch.	GbE ²	10 GbE ²	DDM Plus	RoHS Compliance	Rate Select
SFP												
PLRXPL-VI-S24-22	1 2	850	2x10	860' 500'	Bail	-40 to 85 -20 to 85	X	X		Yes	6/6	NA
JSH-12L1DD1	1	1310	2x10	10,000	Bail	-40 to 85	X	X		Yes	6/6	No
SFP-GI2LKTD5DCA	1	1550	2x10	80,000	Bail	-40 to 85	X	X		Yes	6/6	No
PLRXPL-VE-SG4-38	1, 2, 4	850	2x10	270'	Bail	-20 to 85	X	X		Yes	6/6	Yes
PLRXPL-VE-SG4-62	1, 2, 4	850	2x10	270'	Bail	-20 to 85	X	C		Yes	6/6	Yes
PLRXPL-VE-SG4-62-N	1, 2, 4	850	2x10	270'	Bail	-20 to 85	X	C		Yes	6/6	No
JSH-42L3AD3-20	1, 2, 4	1310	2x10	20,000	Bail	-15 to 85	X	C		Yes	6/6	No
JSH-42L4DD1	1, 2, 4	1310	2x10	4,000	Bail	-40 to 85	X	X		Yes	6/6	Yes
SFP+												
PLRXPL-VC-SH4-23-N	2, 4, 8	850 limiting	2x10	150'	Bail	0 to 70	X			Yes	6/6	No
PLRXPL-VE-SH4-23-N	2, 4, 8	850 limiting	2x10	150'	Bail	-5 to 85	X			Yes	6/6	No
JSH-85L3AA1-10	2, 4, 8	1310	2x10	10,000	Bail	0 to 70	X			Yes	6/6	No
JSH-85L3AB1-10	2, 4, 8	1310	2x10	10,000	Bail	-20 to 85	X			Yes	6/6	No
PLRXPL-VC-S43-23-N	10	850 limiting	2x10	200'	Bail	0 to 70			C	Yes	6/6	No
PLRXPL-VE-S43-23-N	10	850 limiting	2x10	200'	Bail	-5 to 85			C	Yes	6/6	No
PLRXPL-SC-S43-22-N	10	850 limiting	2x10	300'	Bail	0 to 70			X	Yes	6/6	No
PLRXPL-SE-S43-22-N	10	850 limiting	2x10	300'	Bail	-5 to 85			X	Yes	6/6	No
JSH-01LWAA1	10	1310	2x10	10,000	Bail	0 to 70			X	Yes	6/6	No
JSH-01LWAB1	10	1310	2x10	10,000	Bail	-20 to 85			X	Yes	6/6	No
XFP												
PLRXXL-SC-S43-C1	9.95–10.75	850	2x15	300'	Bail	0 to 70	X		X	Yes	6/6	NA
JXP-01LEAB1	9.95–11.1	1310	2x15	10,000	Bail	-40 to 85	X		X	Yes	6/6	NA
JXP-01LGAB1	9.95–11.1	1310	2x15	10,000	Bail	-5 to 70	X		X	Yes	6/6	NA
JXP-01EEAB1	9.95–11.1	1550	2x15	40,000	Bail	-40 to 85	X		X	Yes	6/6	NA
JXP-01EGAB1	9.95–11.1	1550	2x15	40,000	Bail	-5 to 70	X		X	Yes	6/6	NA
JXP-01ZEAB1	9.95–11.1	1550	2x15	80,000	Bail	-5 to 85	X		X	Yes	6/6	NA
JXP-01ZGAB1	9.95–11.1	1550	2x15	80,000	Bail	-5 to 70	X		X	Yes	6/6	NA

1. Over OM3 fiber (2000 MHz*km)
 2. C = Compatible, X = Compliant

Optical Transceivers — SONET/SDH

Product Code	Data Rate	Wavelength (nm)	Connector Type	Distance (km)	Latch Handle Type	Temperature Range (°C)	DDM Plus	RoHS Compliance	Multi Rate
SFP									
SFP-MS1LBT3DCA	OC48	1310	LC	2	Bail	-5 to 70	Yes	6/6	Yes
SFP-MS1LKTD3DCA	OC48	1310	LC	2	Bail	-40 to 85	Yes	6/6	Yes
SFP-MI2LBT5DCA	OC48	1550	LC	40	Bail	-5 to 70	Yes	5/6	Yes
SFP-MI2LKT5DCA	OC48	1550	LC	40	Bail	-40 to 85	Yes	5/6	Yes
SFP-DA21CS00C-AA ¹	OC48	1563.86–1528.77	LC	120	Bail	-5 to 70	Yes	6/6	Yes
SFP-DA56CS00C-AA ¹	OC48	1563.86–1528.77	LC	180	Bail	-5 to 70	Yes	6/6	Yes
XFP									
JXP-01LMAB1	9.95–11.35	1310	LC	10	Bail	-40 to 85	Yes	6/6	Yes
JXP-01LMAC1	9.95–11.35	1310	LC	10	Bail	-5 to 70	Yes	6/6	Yes
JXP-01EMAB1	9.95–11.35	1550	LC	40	Bail	-40 to 85	Yes	6/6	Yes
JXP-01EMAC1	9.95–11.35	1550	LC	40	Bail	-5 to 70	Yes	6/6	Yes
JXP-01ZMAB1	9.95–11.35	1550	LC	80	Bail	-5 to 85	Yes	6/6	Yes
JXP-01ZMAC1	9.95–11.35	1550	LC	80	Bail	-5 to 70	Yes	6/6	Yes
JXP-01ZEAB1 ²	9.95–11.35	1550	LC	80	Bail	-5 to 85	Yes	6/6	Yes
JXP-01ZGAB1 ²	9.95–11.35	1550	LC	80	Bail	-5 to 70	Yes	6/6	Yes
JXP-01DMAB1-AA ¹	9.95–11.35	1563.86–1528.77	LC	80	Bail	-5 to 85	Yes	6/6	Yes
JXP-01DMAC1-AA ¹	9.95–11.35	1563.86–1528.77	LC	80	Bail	-5 to 70	Yes	6/6	Yes
JXP-01DEAB1-AA ^{1,2}	9.95–11.35	1563.86–1528.77	LC	80	Bail	-5 to 85	Yes	6/6	Yes
JXP-01DGAB1-AA ^{1,2}	9.95–11.35	1563.86–1528.77	LC	80	Bail	-5 to 70	Yes	6/6	Yes

1. AA-45 C band channels available (1563.86–1528.77)
2. Dispersion tolerance is 1450 ps/nm

Cages

Product Code	Pin Length	Description	PCI Compliant	EMI Enhanced	Minimum Single-sided PCB Thickness	Belly-to-Belly	Connector Opening
Solder-down Cages							
PL-KP1-00-000-02	.114" (2.9 mm)	Solder down cage for standard applications, .062" minimum PCB		Yes	.062" (1.6 mm)	NA	.563" (14.3 mm)
PL-KP1-00-000-06	.114" (2.9 mm)	Solder down cage for standard applications, .062" minimum PCB, EMI-enhanced version of the KP1-02 cage		Yes	.062" (1.6 mm)	NA	.563" (14.3 mm)
Press-fit Cages							
PL-KP2-00-000-04	.110" (2.8 mm)	Press-fit, standard application, .563" opening around electrical connector			.062" (1.6 mm)	.125" (3.2 mm)	.563" (14.3 mm)
PL-KP2-00-000-05	.110" (2.8 mm)	Press-fit, standard application, .625" opening around electrical connector			.062" (1.6 mm)	.125" (3.2 mm)	.625" (15.9 mm)
PL-KP2-00-000-06	.110" (2.8 mm)	Press-fit, for standard PCB, EMI-enhanced version of the KP2-04 cage for 4G		Yes	.062" (1.6 mm)	.125" (3.2 mm)	.563" (14.3 mm)
PL-KP2-00-000-15	.085" (2.2 mm)	Press-fit, standard application .062" (single sided) and .090" (belly-to-belly) PCB			.062" (1.6 mm)	.090" (2.3 mm)	.625" (15.9 mm)
PL-KP2-00-000-16	.085" (2.2 mm)	Press-fit, for .090" PCB belly-to-belly, EMI-enhanced version of the KP2-15 for 4G, with a smaller connector opening		Yes	.062" (1.6 mm)"	.090" (2.3 mm)	.563" (14.3 mm)
PL-KP2-00-000-21	.110" (2.8 mm)	Press-fit, PCI-compliant (1° tilt). EMI-enhanced version is KP2-26	X		.062" (1.6 mm)	.125" (3.2 mm)	.563" (14.3 mm)
PL-KP2-00-000-26	.110" (2.8 mm)	Press-fit, PCI-compliant (1° tilt) for standard PCB, EMI-enhanced version of the KP2-21 cage for 4G+ applications	X	Yes	.062" (1.6 mm)	.125" (3.2 mm)	.563" (14.3 mm)
1x2 and 1x4 Press-fit Cages							
PL-KP2-21-000-21	.085" (2.2 mm)	Press-fit, 1x2 side-by-side, EMI-enhanced cage for 4G+ applications		Yes	.062" (1.6 mm)	.090" (2.3 mm)	.563" (14.3 mm)
PL-KP2-21-000-8L	.085" (2.2 mm)	Press-fit, 1x2 side-by-side, EMI-enhanced cage for 4G+ applications, with light pipes		Yes	.062" (1.6 mm)	.090" (2.3 mm)	.563" (14.3 mm)

Note: All cages are RoHS compliant.