

OPTOELECTRONICS SOLUTIONS

Full Portfolio of Optical
Transceiver Solutions
for Data Center,
Metro and Access
Networks



End-to-End Optical Infrastructure for Next-Gen Networks

Simply Solved

Optoelectronics Solutions

Type		Application	Rate	Reach
QSFPDD	400G DR4	100GbE/400GbE		500m
QSFPDD	400G FR4	100GbE/400GbE		2km
QSFPDD	4x100G FR	100GbE/400GbE		2km
QSFP28	4x25G LR4	100GbE		10km
QSFP28	100G CWDM4	100GbE		500m/2km/10km
QSFP28	100G DR/FR/LR	100GbE		500m/2km/10km
QSFP28	100G PAM4 DWDM	100GbE		40km+
QSFP+	4x10G	Ethernet/OTU3		2km/10km/20km
QSFP+	40G SR4	Ethernet/OTU3		100m
SFP28	25G SR/LR	25GbE	Multirate	70m/10km
SFP28 BiDi	25G	25GbE	Multirate	10km/30km
QSFP28 AOC	100G	100GbE	Single rate	-
AOC	4x12G iPass+ (MiniSAS) HD	4x12G	Single rate	-
QSFPDD AOC	400G	400GbE	Single rate	-
SFP+	1G to 11.3G SR MM	Ethernet	Multirate	300m
SFP+	1G to 11.3G LRM MM	Ethernet	Multirate	300m
SFP+	1G to 11.3G LR Lite	Ethernet	Multirate	2km
SFP+	1G to 11.3G LR/SR-1	SONET/Ethernet	Multirate	10km
SFP+	1G to 11.3G ER Grey, CWDM & DWDM	Ethernet	Multirate	40km
SFP+	1G to 11.3G ZR Grey, CWDM & DWDM	Ethernet	Multirate	80km
SFP+	8.5G to 11.3G IR-2 Grey, CWDM & DWDM	SONET/Ethernet	Multirate	40km
SFP+	8.5G to 11.3G LR-2 Grey, CWDM & DWDM	SONET/Ethernet	Multirate	80km
XFP	9.95G to 11.3G IR-2/ER	SONET/Ethernet	Multirate	40km
XFP	9.95G to 11.3G IR-2/ER CWDM & DWDM	SONET/Ethernet	Multirate	40km
XFP	9.95G to 11.3G LR-2/ZR	SONET/Ethernet	Multirate	80km
XFP	9.95G to 11.3G LR-2/ZR CWDM & DWDM	SONET/Ethernet	Multirate	70km/80km
SFP	FE/GbE	Ethernet	Multirate	All Reaches
SFP	100M to 2.5G OC3/OC12/OC48	SONET/Ethernet	Multirate	All Reaches
SFP	1.25G/2.5G/4G CWDM	SONET/Ethernet	Multirate	up to 120km
SFP	1.25G/2.5G/4G DWDM	SONET/Ethernet	Multirate	up to 200km
SFP BiDi	100M to 1.25G FE/GbE	Ethernet/SONET	Multirate	up to 120km
SFP BiDi	2.5G to 10G	CPRI/Ethernet/SONET	Multirate	20km/40km