



KOSMOS
TECHNOLOGY
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Mosaic Optics Price List 2016

Type	P/N		Product/Product Group	Specification	EUR
100~155Mb/s FE(Fast Ethernet) /OC-3/STM-1 SFP without DDM	FTE202	GLC-GE-100FX	GE-100FX	1310nm FP MM, 2km, 13dB, for GIGABIT SFP PORTS	28,00
	FT3202-85		100BASE-FX/STM-1 I-1 (850nm)	850nm VCSEL MM, 2km, 14dB	13,00
	FT3202		100BASE-FX/STM-1 I-1	1310nm FP MM, 2km, 17dB	15,00
	FT3220		100BASE-LX/STM-1 S-1.1	1310nm FP SM, 20km, 19dB	15,00
	FT3240		100BASE-EX/STM-1 L-1.1	1310nm FP SM, 40km, 29dB	20,00
	FT3280	GLC-FE-100ZX	100BASE-ZX/STM-1 L-1.2	1550nm DFB SM, 80km, 29dB	45,00
	FT5202-35		100BASE-BX-U 2km (TX 1310 RX1550)	BIDI 1310nm FP MM, 2km, 13dB	17,00
	FT5202-53		100BASE-BX-D 2km (TX 1550 RX1310)	BIDI 1550nm FP MM, 2km, 13dB	18,00
	FT5220-35	GLC-FE-100BX-U	100BASE-BX-U (TX 1310 RX1550)	BIDI 1310nm FP SM, 20km, 19dB	17,00
	FT5220-53	GLC-FE-100BX-D	100BASE-BX-D (TX 1550 RX1310)	BIDI 1550nm FP SM, 20km, 19dB	18,00
	FT5240-35		100BASE-BX-U40 (TX 1310 RX1550)	BIDI 1310nm FP SM, 40km, 29dB	22,00
	FT5240-53		100BASE-BX-D40 (TX 1550 RX1310)	BIDI 1550nm DFB SM, 40km, 29dB	35,00
	FT5280-45		100BASE-BX-U80 (TX 1490 RX1550)	BIDI 1490nm DFB SM, 80km, 29dB	65,00
	FT5280-54		100BASE-BX-D80 (TX 1550 RX1490)	BIDI 1550nm DFB SM, 80km, 29dB	65,00

SFP					
FT3401G	GLC-T	1000BASE-T	Copper SFP 1000Mb/s, CAT5, 100m		30,00
FT3401	GLC-T (10/100/1000)	10/100/1000Base-T	Copper SFP 10/100/100Mb/s CAT5, 100m		30,00
FT3405	GLC-SX-MM	1000BASE-SX	850nm,VCSEL, MM, 550m, 8dB		17,00
FT3402		1000BASE-SX (1310nm)	1310nm,FP, MM, 2km, 8dB		22,00
FT3420	GLC-LH-SM	1000BASE-LX	1310nm,FP, SM, 20km, 15dB		25,00
FT3440		1000BASE-EX	1310nm,DFB, SM, 40km, 22dB		42,00
FT3440-15		1000BASE-EX (1550nm)	1550nm,DFB, SM, 40km, 19dB		42,00
FT3480	GLC-ZX-SM	1000BASE-ZX	1550nm,DFB, SM, 80km, 22dB		52,00
FT340C		1000BASE-EZX	1550nm,DFB,APD, SM, 120km, 32dB		91,00
FT5405-35		1000BASE-BX-U 500m (TX 1310 RX1550)	BIDI 1310nm FP, MM, 500m, 12dB		16,00
FT5405-53		1000BASE-BX-D 500m (TX 1550 RX1310)	BIDI 1550nm FP, MM, 500m, 12dB		17,00

1.25Gb/s GE(Gigabyte Ethernet/1x FC (Fiber Channel) SFP without DDM	FT5403-35		1000BASE-BX-U 3km (TX 1310 RX1550)	BIDI 1310nm FP, SM, 3km, 12dB	19,00
	FT5403-53		1000BASE-BX-D 3km (TX 1550 RX1310)	BIDI 1550nm FP, SM, 3km, 12dB	19,00
	FT5420-35		1000BASE-BX-U (TX 1310 RX1550)	BIDI 1310nm FP, SM, 20km, 14dB	18,00
	FT5420-53		1000BASE-BX-D (TX 1550 RX1310)	BIDI 1550nm DFB, SM, 20km, 14dB	31,00
	FT5420-34	GLC-BX-U	1000BASE-BX-U (TX 1310 RX1490)	BIDI 1310nm FP, SM, 20km, 14dB	21,00
	FT5420-43	GLC-BX-D	1000BASE-BX-D (TX 1490 RX1310)	BIDI 1490nm DFB, SM, 20km, 14dB	36,00
	FT5440-35		1000BASE-BX-U40 (TX 1310 RX1550)	BIDI 1310nm DFB, SM, 40km, 21dB	46,00
	FT5440-53		1000BASE-BX-D40 (TX 1550 RX1310)	BIDI 1550nm DFB, SM, 40km, 21dB	46,00
	FT5480-45		1000BASE-BX-U80 (TX 1490 RX1550)	BIDI 1490nm DFB, SM, 80km, 22dB	95,00
	FT5480-54		1000BASE-BX-D80 (TX 1550 RX1490)	BIDI 1550nm DFB, SM, 80km, 22dB	95,00
	FT540C-45		1000BASE-BX-U120 (TX 1490 RX1550)	BIDI 1490nm DFB, APD, SM, 120km, 31dB	120,00
	FT540C-54		1000BASE-BX-D120 (TX 1550 RX1490)	BIDI 1550nm DFB, APD, SM, 120km, 31dB	120,00
	FT3440-xx	CWDM-SFP	1000BASE CWDM 40km	1470~1610nm CWDM DFB, SM, 19dB	55,00
	FT3480-xx		1000BASE CWDM 80km	1470~1610nm CWDM DFB, SM, 24dB	60,00
	FT340C-xx		1000BASE CWDM 120km	1470~1610nm CWDM DFB, SM, 32dB	90,00
	FT3480D-Dxx	DWDM-SFP	1000BASE DWDM 80km	1530.33~1560.61nm DWDM EML SM, 24dB, DDMI	270,00
	FT340CD-Dxx		1000BASE DWDM 120km	1530.33~1560.61nm DWDM EML APD SM,32dB, DDMI	295,00

BIDI CSFP					
CSFP (Dual LC BIDI SFP)	FTS220D-35		100Base FE-2x100BX-U	Dual BIDI 1310Tx/1550Rx, FP 20km, 20dB, DDMI	65,00
	FTS220D-53		100Base FE-2x100BX-D	Dual BIDI 1550Tx/1310Rx, FP 20km, 20dB, DDMI	71,00
	FTS420D-35		1000Base-2BX-U	Dual BIDI 1310Tx/1550Rx, FP 20km, 13dB, DDMI	71,00
	FTS420D-53		1000Base-2BX-D	Dual BIDI 1550Tx/1310Rx, DFB 20km, 13dB, DDMI	110,00
	FTS420D-34	GLC-2BX-U	1000Base-2BX-U	Dual BIDI 1310Tx/1490Rx, FP 20km, 13dB, DDMI	71,00
	FTS420D-43	GLC-2BX-D	1000Base-2BX-D	Dual BIDI 1490Tx/1310Rx, DFB 20km, 13dB, DDMI	110,00

Fiber Channel 2G					
1.062~2.125Gb/s Multirate 1x/2x FC (Fiber Channel) SFP with DDM	FT3505D		2G FC-SX	850nm VCSEL,MM, 550m, 8dB	20,00
	FT3510D		2G FC-LX	1310nm FP, SM, 10km, 11dB	32,00
	FT3540D		2G FC-EX	1310nm DFB, SM, 40km, 21dB	46,00
	FT3580D		2G FC-ZX	1550nm DFB, SM, 80km, 21dB	58,00
	FT350BD		2G FC-EZX	1550nm DFB, APD, SM, 110km, 28dB	85,00
	FT3540-xx		2G CWDM 40km	1470~1610nm CWDM DFB, SM, 21dB	78,00
	FT3580-xx		2G CWDM 80km	1470~1610nm CWDM DFB, APD, SM, 28dB	104,00
	FT3540D-Dxx		2G DWDM 40km	1530.33~1560.61nm DWDM EML SM, 18dB	299,00
	FT3580D-Dxx		2G DWDM 80km	1530.33~1560.61nm DWDM EML APD SM,28dB	325,00
	FT350CD-Dxx		2G DWDM 120km	1530.33~1560.61nm DWDM EML APD SM,33dB	350,00

Fiber Channel 4G					
1.062~4.25Gb/s Multirate 1x/2x/4x FC (Fiber Channel) SFP with DDM	FT3701D		4G FC-SX	850nm VCSEL,MM, 150m, 7dB	23,00
	FT3704D		4G FC-LX	1310nm FP, SM, 4km, 8dB	39,00
	FT3710D		4G FC-LH	1310nm DFB, SM, 10km, 13dB	71,00
	FT3730D		4G FC-EX	1310nm DFB, SM, 30km, 18dB	85,00
	FT3730D-xx		4G CWDM 30km	1470~1610nm CWDM DFB, SM, 18dB	104,00
	FT3730D-Dxx		4G DWDM 30km	1530.33~1560.61nm DWDM EML SM,18dB	286,00

SFP+					
SFP+	FT3903D	SFP-10G-SR	10GBASE-SR	850nm VCSEL, MM, 300m	62,00
	FT3902D	SFP-10G-LRM	10GBASE-LRM	1310nm FP, MM, 220m	110,00
	FT3910D	SFP-10G-LR	10GBASE-LR	1310nm DFB, SM, 10km	124,00
	FT3940D	SFP-10G-ER	10GBASE-ER	1550nm EML, SM, 40km	380,00
	FT3980D	SFP-10GB-ZR	10GBASE-ZR	1550nm EML,APD, SM, 80km	595,00
	FT5920D-2733		10GBASE-BX-U	BIDI 1270nm DFB, SM, 20km	210,00
	FT5920D-3327		10GBASE-BX-D	BIDI 1330nm DFB, SM, 20km	210,00
	FT5940D-2733		10GBASE-BX-U 40km	BIDI 1270nm DFB, SM, 40km	299,00
	FT5940D-3327		10GBASE-BX-D 40km	BIDI 1330nm DFB, SM, 40km	299,00
	FT5960D-2733		10GBASE-BX-U 60km	BIDI 1270nm DFB, SM, 60km	525,00
	FT5960D-3327		10GBASE-BX-D 60km	BIDI 1330nm DFB, SM, 60km	525,00
	FT3920D-xx	CWDM-SFP10G	10GBASE CWDM 20km	1270~1450nm CWDM DFB, SM, 13dB	312,00
	FT3940D-xx		10GBASE CWDM 40km	1270~1450nm CWDM DFB, SM, 16dB	340,00
	FT3940D-xx		10GBASE CWDM 40km	1470~1610nm CWDM EML, SM, 15dB	616,00
	FT3980D-xx		10GBASE CWDM 80km	1470~1610nm CWDM EML, APD SM, 23dB	900,00
	FT3940D-Dxx	DWDM-SFP10G	10GBASE DWDM 40km	1530.33~1560.61nm DWDM EML SM,15dB	616,00
	FT3980D-Dxx		10GBASE DWDM 80km	1530.33~1560.61nm DWDM EML,APD, SM,23dB	900,00

Twinax Cables					
10G SFP+ Copper Twinax cables	FT39T1	SFP-H10GB-CU1M	10GBASE-T 1m	1m Twinax cable, passive, 30AWG cable	28,00
	FT39T2	SFP-H10GB-CU2M	10GBASE-T 2m	2m Twinax cable, passive, 30AWG cable	38,00
	FT39T3	SFP-H10GB-CU3M	10GBASE-T 3m	3m Twinax cable, passive, 30AWG cable	42,00
	FT39T5	SFP-H10GB-CU5M	10GBASE-T 5m	5m Twinax cable, passive, 24AWG cable	81,00
	FT39T7	SFP-H10GB-ACU7M	10GBASE-T 7m	7m Twinax cable, passive, 24AWG cable	89,00
	FT39T10A	SFP-H10GB-ACU10M	10GBASE-T 10m	10m Twinax cable, passive, 24AWG cable	92,00
XFP					
10GE XFP	FT8903	XFP-10GBASE-SR	10GBASE-SR	850nm VCSEL, MM, 300m	85,00
	FT8902		10GBASE-LRM	1310nm FP, MM, 220m	124,00
	FT8910	XFP-10GBASE-LR	10GBASE-LR	1310nm DFB, SM, 10km	124,00
	FT8940	XFP-10GBASE-ER	10GBASE-ER	1550nm EML, SM, 40km	448,00
	FT8980	XFP-10GBASE-ZR	10GBASE-ZR	1550nm EML,APD, SM, 80km	896,00
	FT890A		10GBASE-EZR 100km	1550nm EML,APD, SM, 100km, 26dB	1.085,00
	FTP920D-2733		10GBASE-BX-U	BIDI 1270nm DFB, SM, 20km	214,00
	FTP920D-3327		10GBASE-BX-D	BIDI 1330nm DFB, SM, 20km	214,00
	FTP940D-2733		10GBASE-BX-U 40km	BIDI 1270nm DFB, SM, 40km	305,00
	FTP940D-3327		10GBASE-BX-D 40km	BIDI 1330nm DFB, SM, 40km	305,00
	FT8920-xx	CWDM-SFP	10GBASE CWDM 20km	1270~1450nm CWDM DFB, SM, 13dB	325,00
	FT8940-xx		10GBASE CWDM 40km	1350~1450nm CWDM DFB, SM, 16dB	340,00
	FT8940-xx		10GBASE CWDM 40km	1470~1610nm CWDM EML, SM, 15dB	620,00
	FT8980-xx		10GBASE CWDM 80km	1470~1610nm CWDM EML, APD SM, 23dB	900,00
	FT8940-Dxx	DWDM-SFP	10GBASE DWDM 40km	1530.33~1560.61nm DWDM EML SM,15dB	620,00
FT8980-Dxx		10GBASE DWDM 80km	1530.33~1560.61nm DWDM EML,APD, SM,23dB	900,00	
X2					
10GE X2	FT0903	X2-10GB-SR	10GBASE-SR	850nm VCSEL, MM, 300m	163,00
	FT0902	X2-10GB-LRM	10GBASE-LRM	1310nm FP, MM, 220m	208,00
	FT0910	X2-10GB-LR	10GBASE-LR	1310nm DFB, SM, 10km	208,00
	FT0940	X2-10GB-ER	10GBASE-ER	1550nm EML, SM, 40km	685,00
	FT0980	X2-10GB-ZR	10GBASE-ZR	1550nm EML,APD, SM, 80km	1.170,00
	FT0940-xx	CWDM-X2	10GBASE CWDM 40km	1470~1610nm CWDM EML, SM, 15dB	953,00
	FT0980-xx		10GBASE CWDM 80km	1470~1610nm CWDM EML, APD SM, 23dB	1.288,00
	FT0940-Dxx	DWDM-X2	10GBASE DWDM 40km	1530.33~1560.61nm DWDM EML SM,15dB	953,00
	FT0980-Dxx		10GBASE DWDM 80km	1530.33~1560.61nm DWDM EML,APD, SM,23dB	1.288,00
	FTX2-SFP10	CVR-X2-SFP10G	10GBASE-X	10G X2 to 10G SFP+ Converter	168,00

XENPAK					
10GE XENPAK	FT9903	XENPAK-10GB-SR	10GBASE-SR	850nm VCSEL, MM, 300m	163,00
	FT9910	XENPAK-10GB-LR	10GBASE-LR	1310nm DFB, SM, 10km	208,00
	FT9940	XENPAK-10GB-ER	10GBASE-ER	1550nm EML, SM, 40km	685,00
	FT9980	XENPAK-10GB-ZR	10GBASE-ZR	1550nm EML,APD, SM, 80km	1.170,00
	FT9940-xx	CWDM-XENPAK	10GBASE CWDM 40km	1470~1610nm CWDM EML, SM, 15dB	953,00
	FT9980-xx		10GBASE CWDM 80km	1470~1610nm CWDM EML, APD SM, 23dB	1.288,00
	FT9940-Dxx	DWDM-XENPAK	10GBASE DWDM 40km	1530.33~1560.61nm DWDM EML SM,15dB	953,00
	FT9980-Dxx		10GBASE DWDM 80km	1530.33~1560.61nm DWDM EML,APD, SM,23dB	1.288,00

QSFP					
40G QSFP	FTQC01	QSFP-40G-SR4	40G QSFP+ SR4 MPO/MTP	40G QSFP+ SR4, 100m Parallel Multi-mode MPO/MTP	220,00
	FTQC02		40G QSFP+ IR4	40G QSFP+ IR4, 2km, Dual LC	875,00
	FTQC10	QSFP-40G-LR4	40G QSFP+ LR4	40G QSFP+ LR4, 10km Dual LC	975,00
	FTQC10-4		40G QSFP+ LR4 MRO	40G QSFP+ LR4, 10km MPO	998,00