



OPTICAL TRANSCEIVERES CATALOGUE

ENABLING
SEAMLESS
NETWORKS



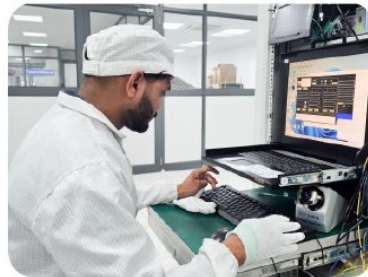
COMPANY DESCRIPTION

ABOUT US



Syrotech is a trusted technology brand with 30+ years of expertise in FTTx and Optical Networking. Guided by our vision to make India a global telecom leader, we deliver innovative, reliable, and affordable products that empower businesses, communities, and nations. With 400+ products, a nationwide partner network, and global reach, we blend innovation, quality, and affordability to enable smarter connectivity.

Every solution we create reflects our commitment to seamless, scalable, and sustainable networks—driving progress today and shaping the future of connectivity.



500+
EMPLOYEES



20
COUNTRIES



1000+
PARTNERS



800G

PRODUCT DESCRIPTION

Next-Generation Optical Connectivity
for High-Bandwidth Networks.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	Tx Power (dbm)	RX Sens (dbm)
GO8OI2S4844FCDV	OSFP112-2XSR4	800G	850	MMF (OM3 / OM4 / OM5)	100m	-4.6 to +4.0	-6.4
GO8OI2V4842FCDV	OSFP112-2XVR4	800G	850	MMF (OM3 / OM4 / OM5)	50m	-4.6 to +4.0	-6.2
GO8QI2FR4ES7FCDE	QSFP112-DD-2XFR4	800G	1271 / 1291 / 1311 / 1331	SMF (OS2 / G.652)	2km	-3.2 to +4.4	-4.6
GO8OI2F4ES7TCDDL	OSFP112-2XFR4	800G	1271 / 1291 / 1311 / 1331	SMF (OS2 / G.652)	10km	-2.7 to +5.1	-6.8
GO8QI2LR4ES7FCDE	QSFP112-DD-2XLR4	800G	1271 / 1291 / 1311 / 1331	SMF (OS2 / G.652)	10km	-1.4 to +4.5	-7.5
GO8OIDR8+ES6TCDS	OSFP112-DR8+	800G	1271 / 1291 / 1311 / 1331	SMF (OS2 / G.652)	2km	-1 to +4	-4.6
GO8OS2F4ES6TCDDL	2FR4, OSFP	800G	1310	SMF, Duplex LC	2km	-4.3 to 4.5	-10.6 to 4.5
GO8QD2F4ES6TCDDL	2FR4, QSFP-DD	800G	1310	SMF, Duplex LC	2km	-1.4 to 4.5	-7.7 to 4.5
GO8QD2L4ES7TCDDL	2LR4, QSFP-DD	800G	1310	SMF, Duplex LC	10km	-6.5 to 2.5	-11.5 to 2.5
GO8OS2L4ES7TCDDL	2LR4, OSFP	800G	1310	SMF, Duplex LC	10km	-4.3 to 4.5	-10.6 to 4.5
GO8QDDR8ES5TCMI6	DR8, QSFP-DD	800G	1310	SMF, MTP/MPO-16	500m	-8.4 to 2.4	-10.3 to 4.5
GO8OSDR8ES5TCMI6	DR8, OSFP	800G	1310	SMF, MTP/MPO-16	500m	-9.4 to 2	-12.6 to 2
GO8QDPL8ES7TCMI6	PLR8, QSFP-DD	800G	1310	SMF, MTP/MPO-16	10km	-1.4 to 4.5	-7.7 to 4.5
GO8OSPL8ES7TCMI6	PLR8, OSFP	800G	1310	SMF, MTP/MPO-16	10km	-4.3 to 4.5	-10.6 to 4.5
GO8QI2D4ES5TCDDL	QSFP112-DD-2XDR4	800G	1310	SMF (OS2 / G.652)	500m	-2.9 to +4.0	-4.4
GO8QI2DPES6TCDDL	QSFP112-DD-2XDR4+	800G	1310	SMF (OS2 / G.652)	2km	-3.1 to +4.0	-7.1
GO8QDXD8ES6TCMI6	XDR8, QSFP-DD	800G	1310	SMF, MTP/MPO-16	2km	-2.4 to 4	-6.4 to 4.5
GO8OSXD8ES6TCMI6	XDR8, OSFP	800G	1310	SMF, MTP/MPO-16	2km	-2.9 to 4	-5.9 to 4
GO8OIFRIES5TCDDL	QSFP112-DD-8XFR1	800G	1304.5±1317.5 (1310 nominal)	SMF (OS2 / G.652)	2km	-3.1 to +4.0	-4.5
GO8OIDR8ES5FCDS	OSFP112-DR8	800G	1304.5±1317.5 (1310 nominal)	SMF (OS2 / G.652)	500m	-2.9 to +4.0	-4.4
GO8OI2D4ES5TCDS	OSFP112-2XDR4	800G	1304.5±1317.5 (1310 nominal)	SMF (OS2 / G.652)	500m	-2.9 to +4.0	-4.4
GO8OI2D4+ES6TCDS	OSFP112-2XDR4+	800G	1304.5±1317.5 (1310 nominal)	SMF (OS2 / G.652)	2km	-3.1 to +4.0	-4.4

400G

PRODUCT DESCRIPTION

High-Density Optical Connectivity
for Modern Data Centers and Metro Networks.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	Tx Power (dbm)	RX Sens(dbm)
GO4Q5SR8844TCDV	QSFP56-DD-SR8	400G	850	MMF: OM3 / OM4 / OM5	70m / 100m / 100m	-6.5 to +4.0	-8.4
GO4OSSR8844TCD16	SR8, OSFP	400G	850	MMF, MTP/MPO-16	100m	-6.5 to 4	-8.4 to 4
GO4QISR4842TCDI2	SR4, QSFP112	400G	850	MMF, MTP/MPO-12	50m	-4.6 to 4	-6.4 to 4
GO4Q5SR4844TCDV	QSFP56-DD-SR4.2	400G	850	MMF: OM3 / OM4 / OM5	70m / 100m / 150m	-4.6 to +4.0	-6.4
GO4QDVR4842TCDI2	QSFP56-DD-VR4	400G	850	MMF: OM3 / OM4 / OM5	30m / 50m / 50m	-4.6 to +4.0	-4.4
GO4Q5FR4ES6TCDS	QSFP56-DD-FR4	400G	1271 / 1291 / 1311 / 1331	SMF: G.652 / OS2	2km	-3.3 to +3.5	-4.6
GO4Q5LR4ES7TCDE	QSFP56-DD-LR4	400G	1271 / 1291 / 1311 / 1331	SMF: G.652 / OS2	10km	-2.7 to +5.1	-6.8
GO4Q5ER4ES9TCDE	QSFP56-DD-ER4	400G	1304.58 / 1306.85 / 1309.14 / 1311.43	SMF: G.652 / OS2	40km	+1.5 to +7.1	-13.5
GO4QDFR4EO6TCDDL	FR4, QSFP-DD	400G	1310	SMF, Duplex LC	2km	-3.3 to 3.5	-7.3 to 3.5
GO4DIFR4EO6TCDDL	FR4, QSFP112	400G	1310	SMF, Duplex LC	2km	-3.3 to 3.5	-7.3 to 3.5
GO4QDLR4EO7TCDDL	LR4, QSFP-DD	400G	1310	SMF, Duplex LC	10km	-2.8 to 4	-9.1 to 4
GO4QDLR8EO7TCDDL	LR8, QSFP-DD	400G	1310	SMF, Duplex LC	10km	-2.8 to 5.3	-9.1 to 5.3
GO4OSLR8EO7TCDDL	LR8, OSFP	400G	1310	SMF, Duplex LC	10km	-2.8 to 5.3	-9.1 to 6.3
GO4QDDR4EO5TCDI2	DR4, QSFP-DD	400G	1310	SMF, MTP/MPO-12	500m	-2.9 to 4	-5.9 to 4
GO4OSDR4EO5TCDI2	DR4, OSFP	400G	1310	SMF, MTP/MPO-12	500m	-2.9 to 4	-5.9 to 5
GO4QIDR4EO5TCDI2	DR4, QSFP112	400G	1310	SMF, MTP/MPO-12	500m	-2.9 to 4	-5.9 to 4
GO4QDER8EO9TCDDL	ER8, QSFP-DD	400G	1310	SMF, Duplex LC	40km	0.6 to 5.6	-16.1 to 3.4
GO4Q52D4ES7TCDS	QSFP56-DD-xx LR	400G	1304.58/1317.5 (1310 nominal)	SMF: G.652 / OS2	10km	-2.5 to +5.1	-4.5
GO4Q5DR4ES5TCDS	QSFP56-DD-DR4	400G	1304.58/1317.5 (1310 nominal)	SMF: G.652 / OS2	500m	-2.9 to +4.0	-4.4
GO4Q5DR4+ES6TCDS	QSFP56-DD-DR4+	400G	1304.58/1317.5 (1310 nominal)	SMF: G.652 / OS2	2km	-2.5 to +4.0	-5.5

100G

PRODUCT DESCRIPTION

High-Speed Transceivers for Data Center and Network Connectivity.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	To Power (dbm)	RX Sens(dbm)
GOXQ28-8510SR4	SR4	100G	850	MMF/MPO	100m	-8.4~+2.4	-5.6
GOXQ28-1310DR1	DR1	100G	1310	SM	500m	-2.9 ~ 4	-5.3
GOXQ28-1310FR1	FR1	100G	1310	SM	2Km	-2.4 ~ 4	-5.9
GOXQ28-1310LR4	LR4	100G	1310	SM	10Km	-4.3~4.5	-8.6
GOXQ28-13102LR4	LR4	100G	1310	SM	20Km	-4.3~+4.5	-10.6
GOXQ28-1310ERL	ERL	100G	1310	SM	30Km	-2.5 ~ 6.5	-16
GOXQ28-1310ER4	ER4	100G	1310	SM	40Km	+1~+6.5	-18.5
GOXQ28-1310ZR4	ZR4	100G	1310	SM	80Km	+2~+6.5	-28
GOXQ28-2310LR	BIDI 10km	100G BIDI	1271nm/1331nm	SM SF	10Km	-1~+4.5	-7
GOXQ28-3210LR	BIDI 10km	100G BIDI	1331nm/1271nm	SM SF	10Km	-1~+4.5	-7
GOXQ28-2320LR	BIDI 20km	100G BIDI	1291nm/1311nm	SM SF	20Km	0~+5	-9
GOXQ28-3220LR	BIDI 20km	100G BIDI	1311nm/1291nm	SM SF	20Km	0~+5	-9
GOXQ28-4910ERL	BIDI 30km	100G BIDI	1304.58nm/1309.14nm	SM SF	30Km	+1~+6	-12.5
GOXQ28-9410ERL	BIDI 30km	100G BIDI	1309.14nm/1304.58nm	SM SF	30Km	+1~+6	-12.5
GOXQ28-4910ER	BIDI 40km	100G BIDI	1304.58nm/1309.14nm	SM SF	40Km	+1.7 ~ +7	-14
GOXQ28-9410ER	BIDI 40km	100G BIDI	1309.14nm/1304.58nm	SM SF	40Km	+1.7 ~ +7	-14
GOXQ28-7910ZR	BIDI 80Km	100G BIDI	1273.55nm ~ 1286.66nm	SM SF	80Km	+2~+7	-27
GOXQ28-9710ZR	BIDI 80Km	100G BIDI	1295.56nm ~ 1309.14nm	SM SF	80Km	+2~+7	-27

40G

PRODUCT DESCRIPTION

Reliable Transceivers for High Bandwidth Network Applications.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	To Power (dbm)	RX Sens(dbm)
GOXQ-8540SR4	SR4	40G	850	MMF/MPO	100m	-7~+2.5	-9.5
GOXQ-1340LR4	LR4	40G	1310	SM	10Km	-2~+3.5	-11.5
GOXQ-13402LR4	LR4	40G	1310	SM	20Km	7~+2.3	-13.7
GOXQ-1340LRM	LR4 (MPO)	40G	1310	SM	10km	-5.5~2.3	-11.5
GOXQ-1340ERL	ERL	40G	1310	SM	30km	0~+4.5	-16
GOXQ-1340ER4	ER4	40G	1310	SM	40Km	+1~+4.5	-18
GOXQ-1340ZR4	ZR4	40G	1310	SM	80Km	+2~+6.5	-23

25G

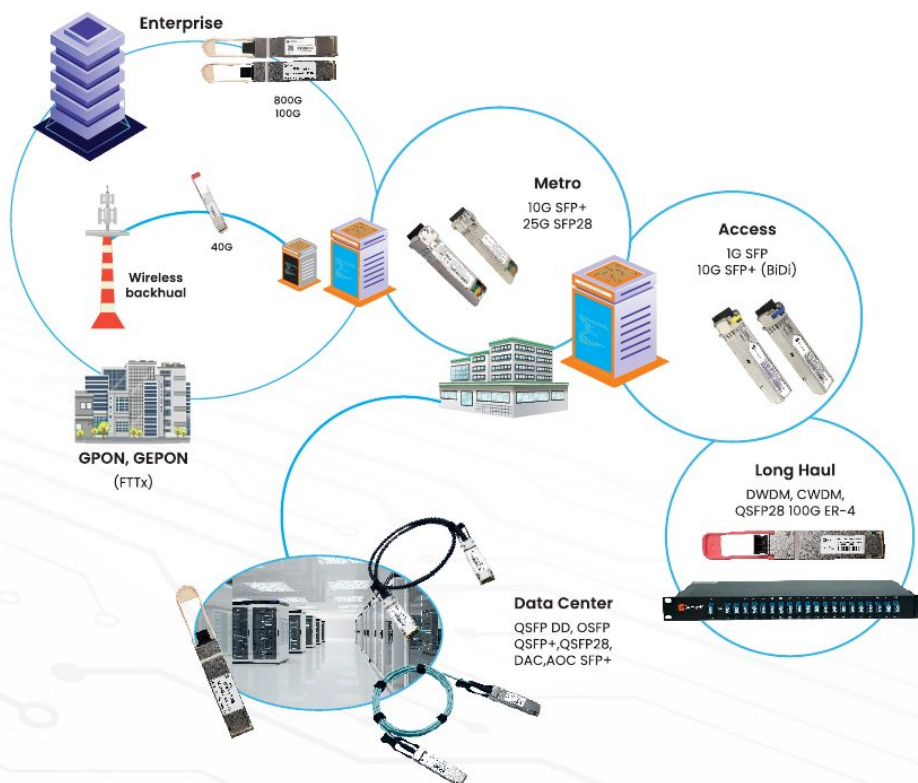
PRODUCT DESCRIPTION

Efficient Transceivers for Server and Data Center Connectivity.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	To Power (dbm)	RX Sens(dbm)
GOXP-8528-02	SR	25G	850	MMF	100m	-8~+2	-10
GOXP-1328-02	LRM	25G	1310	SM Dup	2km	-7.0 ~ -2	-12
GOXP-1328-10	LR	25G	1310	SM De	10km	-5.0 ~ +2	-13.3
GOXP-1328-40	ER	25G	1310	SM Dup	40km	0 ~ 6	-18
GOXP-1328-80	ZR	25G	1310	SM Dup	80km	+1~+6	-23
GOXP-2328-10	BIDI 10km	25G BIDI	1270/1330	SM SF	10km	-4~-+4	-11
GOXP-3228-10	BIDI 10km	25G BIDI	1330/1270	SM SF	10km	-4~-+4	-11
GOXP-2328-30	BIDI 30km	25G BIDI	1270/1330	SM SF	30km	+1~+5	-16
GOXP-3228-30	BIDI 30km	25G BIDI	1330/1270	SM SF	30km	+1~+5	-16
GOXP-2328-40	BIDI 40km	25G BIDI	1270/1310	SM SF	40km	+1~+5	-18
GOXP-3228-40	BIDI 40km	25G BIDI	1310/1270	SM SF	40km	+1~+5	-18
GOXP-2328-80	BIDI 80km	25G BIDI	1295/1309	SM SF	40km	+2~+7	-24
GOXP-3228-80	BIDI 80km	25G BIDI	1309/1295	SM SF	40km	+2~+7	-24

SFP APPLICATION



10G

PRODUCT DESCRIPTION

Versatile Transceivers for Enterprise and Telecom Networks.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	To Power (dbm)	RX Sens(dbm)
GOXP-8596-02	10G SR	10G	850nm	MMF	300m	-6~-1	-11
GOXP-1396-02	10G LRM	10G	1310nm	SMF DF	2Km	-5~-1	-12.5
GOXP-1396-10	10G LR	10G	1310nm	SMF DF	10Km	-4~-1	-13
GOXP-1396-20	10G LR	10G	1310nm	SMF DF	20Km	-4~0	-14.4
GOXP-1396-40	10G LR	10G	1310nm	SMF DF	40Km	-2~0	-15
GOXP-1596-40	10G ER	10G	1550nm	SMF DF	40Km	-2~+2	-16
GOXP-1596-80	10G ZR	10G	1550nm	SMF DF	80Km	0~+4	-23
GOXP-C96-02	10G Copper	10G	—	—	—	—	—
GOXP-2396-20	10G BIDI 20km	10G BIDI	1270/1330	SMF SF	20km	-4~-1	-14
GOXP-3296-20	10G BIDI 20km	10G BIDI	1330/1270	SMF SF	20km	-4~-1	-14
GOXP-2396-40	10G BIDI 40km	10G BIDI	1270/1330	SMF SF	40Km	-2~+2	-16
GOXP-3296-40	10G BIDI 40km	10G BIDI	1330/1270	SMF SF	40Km	-2~+2	-16
GOXP-2396-60	10G BIDI 60km	10G BIDI	1270/1330	SMF SF	60km	0~+3	-20
GOXP-3296-60	10G BIDI 60km	10G BIDI	1330/1270	SMF SF	60km	0~+3	-20
GOXP-2396-80	10G BIDI 80km	10G BIDI	1270/1330	SMF SF	80km	+1~+4	-23
GOXP-3296-80	10G BIDI 80km	10G BIDI	1330/1270	SMF SF	80km	+1~+4	-23
GOXP-4596-80	10G BIDI 80km	10G BIDI	1490/1550	SMF SF	80km	+2~+4	-23
GOXP-5496-80	10G BIDI 80km	10G BIDI	1550/1490	SMF SF	80km	+2~+4	-23
GOXP-C4996-40	10G CWDM 40km	10G CWDM	from 1470 to 1610	SMF DF	40Km	-1~+2	-15.5
GOXP-C4996-80	10G CWDM 80km	10G CWDM	from 1470 to 1610	SMF DF	80Km	+1~+3	-23
GOXP-D2896-40	10G DWDM 40KM	10G DWDM	1525/1565	SMF DF	40Km	-1~+2	-15.5
GOXP-D2896-80	10G DWDM 80KM	10G DWDM	1525/1565	SMF DF	80Km	+1~+3	-23

1.25G

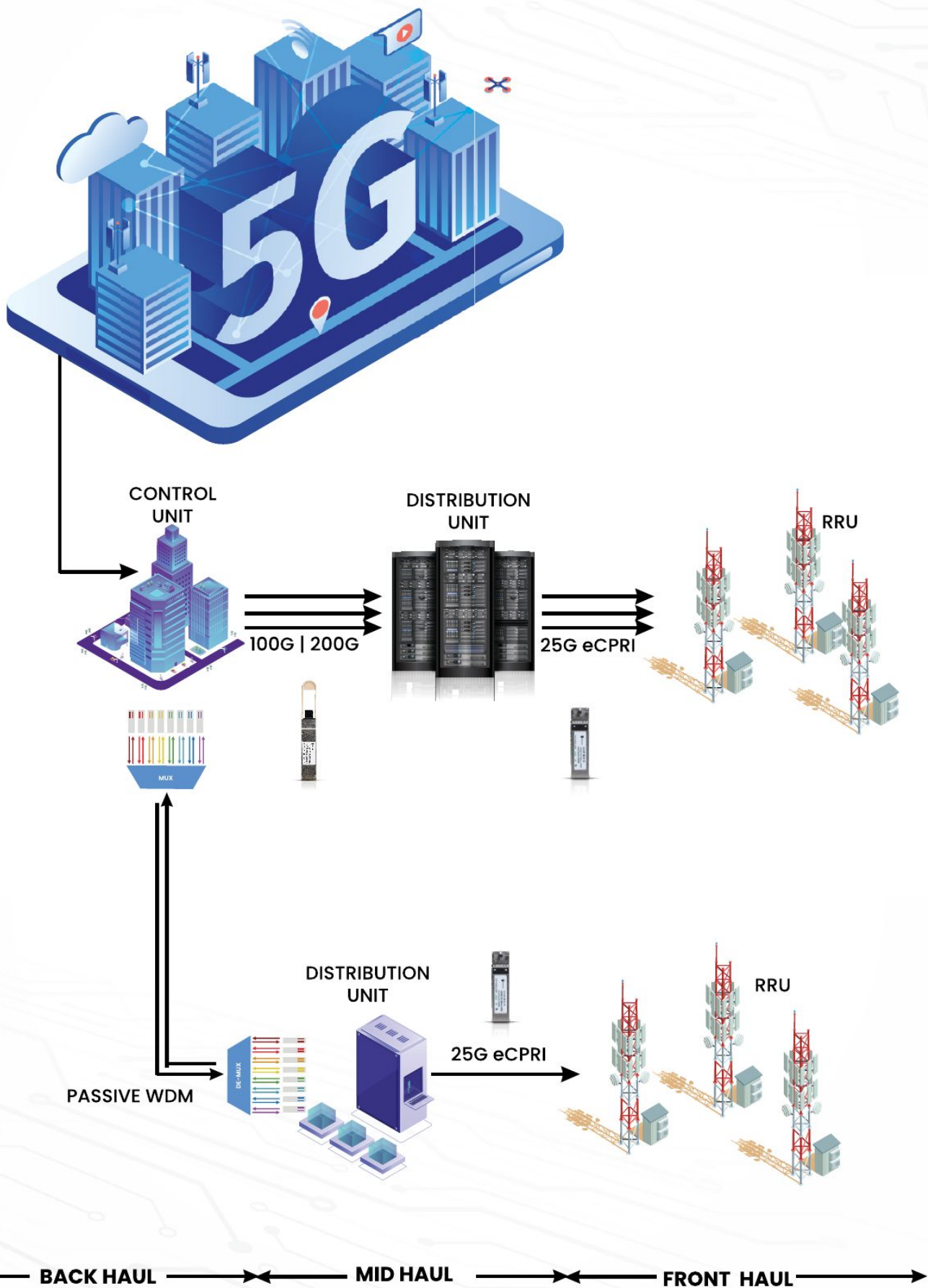
PRODUCT DESCRIPTION

Gigabit Transceivers for Reliable Fiber and Network Connectivity.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	To Power (dbm)	RX Sens(dbm)
GOXS-8512-02	SX	1.25G	850nm	MMF	500m	-10~-3	-18
GOXS-1312-02	LX	1.25G	1310nm	SM Fupf	02km	-9~-3	-20
GOXS-1312-10	LX	1.25G	1310nm	SM Fup	10km	-9~-3	-20
GOXS-1312-20	LX	1.25G	1310nm	SM Dup	20km	-9~-3	-23
GOXS-1312-40	EX	1.25G	1310nm	SM Dup	40km	-6~-2	-26
GOXS-1512-40	EX	1.25G	1550nm	SM Dup	40km	-2	-26
GOXS-1512-80	ZX	1.25G	1550nm	SM Dup	80km	-2~+1	-28
GOXS-1512-120	EZX	1.25G	1550nm	SM Dup	120km	0~4	-32
GOXS-CXX12-40	CWDM 40km	1.25G	from 1470 to 1610	SM Dup	40km	-5~0	-24
GOXS-CXX12-80	CWDM 80km	1.25G	from 1470 to 1610	SM Dup	80km	0~4	-26
GOXS-CXX12-120	CWDM 120km	1.25G	from 1470 to 1610	SM Dup	120km	1~4	-28
GOXS-3512-03	BiDi-3	1.25G	1310Tx/1550Rx	SM Fsf	3km	-9~-3	-20
GOXS-5312-03	BiDi-3	1.25G	1550Tx/1310Rx	SM Simp	3km	-9~-3	-20
GOXS-3512-20	BiDi-20	1.25G	1310Tx/1550Rx	SM Simp	20km	-9~-3	-23
GOXS-5312-20	BiDi-20	1.25G	1550Tx/1310Rx	SM Simp	20km	-9~-3	-23
GOXS-3512-20S	BiDi-20SC	1.25G	1310Tx/1550Rx	SM Simp	20km	-9~-3	-23
GOXS-5312-20S	BiDi-20SC	1.25G	1550Tx/1310Rx	SM Simp	20km	-9~-3	-23
GOXS-3412-20	BiDi-20	1.25G	1490Tx/1310Rx	SM Simp	20km	-9~-3	-24
GOXS-4312-20	BiDi-20	1.25G	1490Tx/1310Rx	SM Simp	20km	-9~-3	-24
GOXS-3512-40	BiDi-40	1.25G	1310Tx/1550Rx	SM Simp	40km	-6~-2	-26
GOXS-5312-40	BiDi-40	1.25G	1550Tx/1310Rx	SM Simp	40km	-6~-2	-26
GOXS-3412-40	BiDi-40	1.25G	1310Tx/1490Rx	SM Simp	40km	-6~-2	-26
GOXS-4312-40	BiDi-40	1.25G	1310Tx/1490Rx	SM Simp	40km	-6~-2	-26
GOXS-4512-80	BiDi-80	1.25G	1490Tx/1550Rx	SM Simp	80km	-2~+1	-28
GOXS-5412-80	BiDi-80	1.25G	1550Tx/1490Rx	SM Simp	80km	-2~+1	-28
GOXS-4512-120	BiDi-120	1.25G	1490Tx/1550Rx	SM Simp	120km	0~+3	-30
GOXS-5412-120	BiDi-120	1.25G	1550Tx/1490Rx	SM Simp	120km	0~+3	-30
GOXS-C12-02	1000-T	1000M	—	Cat6/Cat5	100m	—	—
GOXS-C12-02A	10/100/1000-T	1000M	—	Cat6/Cat5	100m	—	—
GOXS-C12-02I	10/100/1000-T	1000M	—	Cat6/Cat5	100m	—	—

NETWORK STRUCTURE



PON

PRODUCT DESCRIPTION

Copper Transceivers for Reliable, High-Speed Data Transmission Over Compatible Twisted-Pair Networks.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	To Power (dbm)	RX Sens(dbm)
GOXS-4312-20P3	EPON PON SFP	1.25G	1490TX/1310RX	SM	20km	+6~-7	-28
GOXS-4312-20P4	EPON PON SFP	1.25G	1490TX/1310RX	SM	20km	+8~-9	-28
GOXS-4312-20PC3	GPON PON SFP	2.5G	1490TX/1310RX	SM	20km	+7~-9	-31
GOXS-4312-20PC4	GPON PON SFP	2.5G	1490TX/1310RX	SM	20km	+9~-10	-31
GOXS-4312-20PC5	GPON PON SFP	2.5G	1490TX/1310RX	SM	20km	+10~-11	-31

STM

PRODUCT DESCRIPTION

Optical Transceivers for SDH/SONET-Based STM Networks and Reliable Synchronous Data Transmission.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	To Power (dbm)	RX Sens(dbm)
GOXS-13S1-20	STM1	155M	1310nm	SDF	20km	-14~-8	-32
GOXS-13S1-40	STM1	155M	1310nm	SDF	40km	-8~-2	-32
GOXS-15S1-40	STM1	155M	1550nm	SDF	40km	-8~-2	-32
GOXS-15S1-80	STM1	155M	1550nm	SMF	80km	-5~+2	-32
GOXS-15S1-120	STM1	155M	1550nm	SMF	120km	0~+5	-32
GOXS-35S1-20	STM1	155M	1310Tx/1550RX	SMF	20km	-14~-8	-32
GOXS-53S1-20	STM1	155M	1550Tx/1310RX	SMF	20km	-14~-8	-32
GOXS-13S4-20	STM4	622M	1310	SMF	20km	-9~-3	-23
GOXS-13S4-40	STM4	622M	1310	SMF	40km	-6~-2	-24
GOXS-15S4-40	STM4	622M	1550	SMF	40km	-6~-2	-24
GOXS-15S4-80	STM4	622M	1550	SMF	80km	-3~+1	-28
GOXS-15S4-120	STM4	622M	1550	SMF	120km	-2~+1	-30
GOXS-13S16-20	STM16	2.5G	1310	SMF	20km	-6~-1	-18
GOXS-13S16-40	STM16	2.5G	1310	SMF	40km	-2~+3	-20
GOXS-15S16-40	STM16	2.5G	1550	SMF	40km	-2~+3	-20
GOXS-15S16-80	STM16	2.5G	1550	SMF	80km	0~+5	-26
GOXS-15S16-120	STM16	2.5G	1550	SMF	120km	0~+5	-30

DAC

PRODUCT DESCRIPTION

Cost-effective direct attach cables for high-speed, short-distance connectivity.



Type	Data Rate	Wavelength (nm)	Fiber Type	Distance
QSFP-DD to 2xQSFP56-200G Passive Splitter	400G	N/A	Copper Twinax	0.5m to 5m
QSFP-DD to 4xQSFP56-100G Passive Splitter	400G	N/A	Copper Twinax	0.5m to 5m
QSFP-DD to 8xSFP56-50G Passive Splitter	400G	N/A	Copper Twinax	0.5m to 5m
QSFP-DD Active Copper	400G	N/A	Copper Twinax	0.5m to 5m
QSFP112 Active Copper	400G	N/A	Copper Twinax	0.5m to 5m
QSFP112 Passive DAC	400G	N/A	Copper Twinax	0.5m to 5m
QSFP-DD Passive DAC	400G	N/A	Copper Twinax	0.5m to 5m
QSFP112 Passive DAC	400G	N/A	Copper Twinax	0.5m to 5m
QSFP-DD Active Copper	850G (8x106.25G)	N/A	Copper Twinax	0.5m to 2m
QSFP-DD Passive DAC	850G (8x106.25G)	N/A	Copper Twinax	0.5m to 1.5m
SFP+ Passive DAC	10G	N/A	Copper Twinax	0.5m to 10m
SFP28 Passive DAC	25G	N/A	Copper Twinax	0.5m to 10m
QSFP+ Passive DAC	40G	N/A	Copper Twinax	0.5m to 10m
QSFP+ to 4*SFP+ Breakout Passive	40G	N/A	Copper Twinax	0.5m to 10m
QSFP28 Passive DAC	100G	N/A	Copper Twinax	0.5m to 7m
QSFP28 to 4*SFP28 Breakout Passive	100G	N/A	Copper Twinax	0.5m to 7m

AOC

PRODUCT DESCRIPTION

Active optical cables for reliable, high-speed connectivity over longer distances.



Type	Data Rate	Wavelength (nm)	Fiber Type	Distance
QSFP-DD to 4xQSFP56-100G AOC	400G (400G CAUI-8)	N/A (MMF VCSEL)	OM3 MMF	1m to 50m
QSFP-DD AOC	400G (400G CAUI-8)	N/A (MMF VCSEL)	OM4 MMF, 8 lanes	1m to 100m
QSFP28 AOC	100G	N/A	MMF	1m to 50m
QSFP28 to 4*SFP28 AOC	100G	N/A	MMF	1m to 30m
QSFP-DD to 2xQSFP56-200G AOC	425G (8x53.125G)	N/A	MMF	1m to 30m
QSFP+ AOC	40G	N/A	MMF	1m to 100m
QSFP+ to 4*SFP+ AOC	40G	N/A	MMF	1m to 30m
SFP28 AOC	25G	N/A	MMF	1m to 100m
SFP+ AOC	10G	N/A	MMF	1m to 100m

Note: DAC/AOC Cable Length Customization Available as per Customer Requirement.

MPO PATCH CORD

MPO to MPO

High-density, high-performance fiber optic patch cord for data center and enterprise networks.



MPO to MPO
PATCH CORD

Technical Specifications	
Connector Type	MPO (Male / Female)
Fiber Count	8F / 12F / 16F / 24F
Fiber Type	SM/ OM3 (50/125), OM4 (50/125), OS2 (9/125)
Insertion Loss	≤ 0.35 dB
Return Loss	≥ 20 dB (SM), ≥ 26 dB (MM)
Cable Jacket	LSZH / OFNP
Cable Diameter	3.0 mm (typical)
Operating Temperatur	-20°C to +70°C.

MPO BREAKOUT PATCH CORD

MPO to LC / SC / ST (Breakout)

One MPO connector broken out into multiple individual connectors for flexible and cost-effective fiber management.



MPO to 4X-DUPLEX
BREAKOUT PATCH CORD

Key Features

- ✓ MPO (male / female) to LC/SC/ST breakout
- ✓ Available in 8F, 12F, 16F, 24F configurations
- ✓ Low insertion loss & high return loss
- ✓ Color-coded, fan-out design for easy identification
- ✓ LSZH jacket for safety and reliable performance
- ✓ Supports 40G/100G/400G application

Technical Specifications	
Connector Type	MPO (Male / Female)
Fiber Count	8F / 12F / 16F / 24F
Fiber Type	SM / OM3 (50/125), OM4 (50/125), OS2 (9/125)
Insertion Loss	≤ 0.35 dB
Return Loss	≥ 20 dB (SM), ≥ 26 dB (MM)
Cable Jacket	LSZH / OFNP
Cable Diameter	3.0 mm (typical)
Operating Temperatur	-20°C to +70°C.

Applications



Data Centers



Cloud
Computing



SAN / NAS



Telecom
Networks



Enterprise
Networks

CWDM / DWDM

PRODUCT DESCRIPTION

Active optical cables for reliable, high-speed connectivity over longer distances.



Product Code	Product Description
SY-CWDM-04MD1355	4CH MUX/DEMUX 1310/1470/1490/1550 ABS BOX
SY-CWDM-08M4761-ESR	8CH CWDM MUX from 1470 to 1610 with 1310nm Port Rack Mount
SY-CWDM-08D4761-ESR	8CH CWDM DEMUX from 1470 to 1610 with 1310nm Port Rack Mount
SY-DWDM-08M2734-ESR	8CH DWDM MUX from CH27 to CH34 with 1310nm Port Rack Mount
SY-DWDM-08D2734-ESR	8CH DWDM DEMUX from CH27 to CH34 with 1310nm Port Rack Mount
SY-DWDM-16M2742-ESR	16CH DWDM MUX from CH27 to CH42 with 1310nm Port Rack Mount
SY-DWDM-16D2742-ESR	16CH DWDM DEMUX from CH27 to CH42 with 1310nm Port Rack Mount
SY-DWDM-24M2346-ESR	24CH DWDM MUX from CH23 to CH46 with 1310nm Port Rack Mount
SY-DWDM-24D2346-ESR	24CH DWDM DEMUX from CH23 to CH46 with 1310nm Port Rack Mount
SY-DWDM-40M2160-ESR	40CH DWDM MUX from CH21 to CH60 with 1310nm Port Rack Mount
SY-DWDM-40D2160-ESR	40CH DWDM DEMUX from CH21 to CH60 with 1310nm Port Rack Mount

SFP+10G DWDM/CWDM

PRODUCT DESCRIPTION

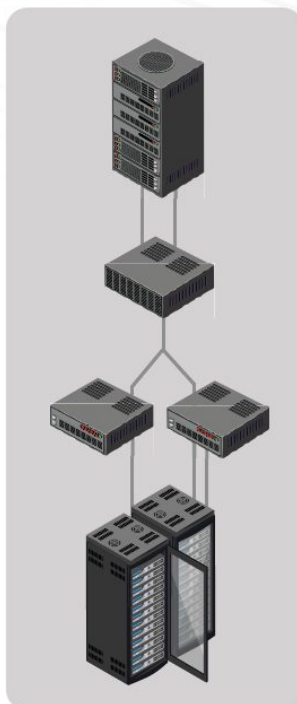
Versatile Transceivers for Enterprise and Telecom Networks.



Part No	Type	Data Rate	WaveLength (nm)	Fiber Type	Distance	To Power (dbm)	RX Sens(DBM)
GOXP-CXX96-40	10G CWDM 40km	10G CWDM	from 1470 to 1610	SMF DF	40Km	-1 to +2	-15.5
GOXP-CXX96-80	10G CWDM 80km	10G CWDM	from 1470 to 1610	SMF DF	80Km	+1 to +3	-23
GOXP-DXX96-40	10G DWDM 40KM	10G DWDM	1525/1565	SMF DF	40Km	-1 to +2	-15.5
GOXP-DXX96-80	10G DWDM 80KM	10G DWDM	1525/1565	SMF DF	80Km	+1 to +3	-23

DATACENTER SOLUTION

As **AI** adoption continues to accelerate, the demand for high-performance data centers is growing rapidly. Our SFP and optical transceivers enable the high-speed, reliable connectivity required across modern data center networks.



CORE SWITCH / ROUTER

400G | 800G

SPINE SWITCH

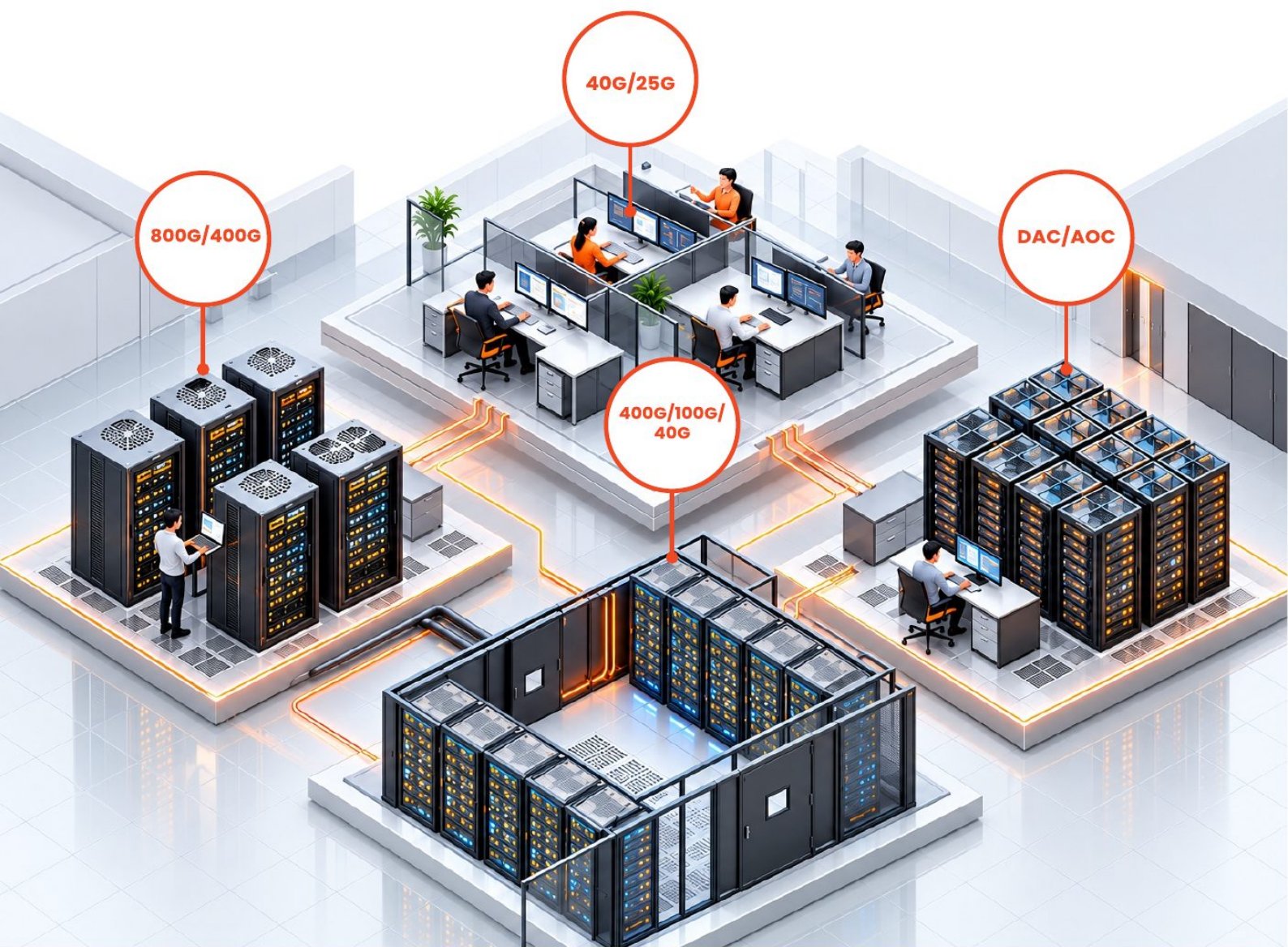
40G | 100G | 400G

LEAF SWITCH

40G | 100G | AOC | DAC

TOP OF RACK SWITCH SERVERS

10G | 25G | 50G | AOC | DAC





MAKE IN INDIA

ENGINEERED — FOR **CONNECTIVITY**

We manufacture high-range Optical Transceivers engineered for reliable, high-speed connectivity across enterprise, carrier, and data center networks. Made in India, our solutions combine quality, compatibility, and consistent performance for demanding network environments.



Optical Performance

Syrotech transceivers support data rates from 1.25G to 800G, ensuring low-latency transmission, signal integrity, and stability across Datacom, Telecom, and FTTx networks.

Standards Compliance

Modules adhere to IEEE 802.3, ITU-T and MSA specifications across SFP, SFP+, SFP28, QSFP+, QSFP28, and QSFP-DD form factors, ensuring interoperability with all major OEM platforms.

Reliability and Testing

Each unit is optically and electrically tested for power, wavelength, and BER performance, featuring DDM/DOM, low power design, and extended temperature operation for carrier-grade reliability.



GO IP Global Services Pvt. Ltd.
D-206, Sector-63, Noida-201301 (U.P.), India

Sales: 9870295096 | 95

Technical: 9289379972

info@syrotech.com

www.syrotech.com