



SKYLANE
OPTICS®

PUBLIC_REV2018_A

Product Guide

Transceivers for Datacom and Telecom Applications



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Skylane Optics is a leading provider of transceivers for optical communication. We offer an extensive portfolio for the enterprise, access, and metropolitan fiber optical market.

The solutions provided by **Skylane Optics** are characterized by high quality and performance products. In combination with our strong technical support, we make it possible for our customers to build cost optimized network solutions solving existing and future capacity needs.



Solutions

Data Center

Optimized fiber optic solution for Data Center application

FTTH

Wide Product Portfolio and Technology for FTTH Broadband Networks

Wireless

Enabling Rapid Expansion of Mobile Broadband

Enterprise - Campus

We provide the enterprise network market with the most comprehensive product combinations

Metro Core

Wide product portfolio for Metro Core application

Quality



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Our Engineering and Logistic Center

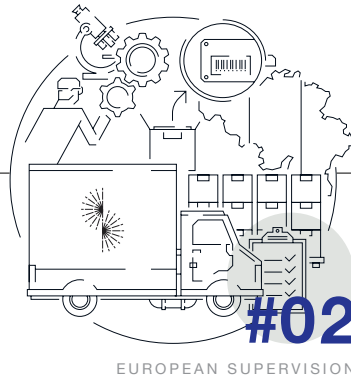
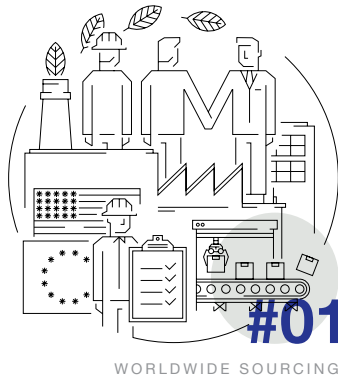
- Inventory, logistic, programming and quality control based in Fraire, Belgium
- IQC [Incoming Quality Control] and OQC [Outgoing Quality Control of each module]
- 100% optimized for transceivers handling
- ESD [ANSI/ESD S20.20] compliant
- Clean room environment; class 100K / ISO 8
- Traceability
- High Capacity



Our Laboratory

- Based in Fraire, Belgium
- Technical support
- RMA handling
- Qualification tests :
 - Performance measurement over temperature for standards compliance verification
 - IEEE, IEC, MSA compliance
 - Power consumption
 - Eye diagram
 - Sensitivity
 - Wavelength





WORLDWIDE SOURCING

Audit

- Corporate social responsibility (CSR)
- Local presence worldwide

Contract Manufacturers

- Vertically-integrated

Quality

- ESD/ Class 10K Clean Room
- Testing
- Incoming and Outgoing Quality Control (IQC/OQC)

EUROPEAN SUPERVISION

Logistic center

- Traceability
- Stock management
- Programming
- High capacity

R&D

- Innovative technologies
- Laboratory

Product management

- New Product Introduction (NPI)
- End of Life (EOL)
- Product Change Notification (PCN)
- Product certifications & Warranty

CUSTOMERS KEY BENEFITS

European supplier

- Stock
- Fast delivery
- On-site support
- Full compliance with European regulations

Tailor made solutions

- Core Business
- Limitless compatibility
- Products customized to your special needs

Reliability and Proven Quality

- 99,98% of our products overclass their life cycle expectations

Cost optimization

Wide compatibility range



Our transceivers are compatible with a lot of different platforms, and by “a lot” we mean a lot:

Adva	Force10	Mikrotik
Allied Telesis	Fortigate (Fortinet)	Myricom
Arista	Genexis	Netgear
Arbor	Gigamon	Nexans
Aruba Networks	Hirschman	Nokia - Alcatel
Asga	HP	Orckit
Avaya – Nortel	HP - Procurve	Packetfront
BlackMagic	HP - H3C	Packetlight
Brocade	HP - BladeSystem	Palo Alto
BTI System	HP - SAN	Pica8
Bull	HP - Server	Procera Networks
Calix	HSE	Qlogic
Carelink	Huawei	RAD
Ciena	IBM	Radware
Cisco	ID Quantic	Riverstone
Citrix	Infinera	Sorento
COE	Intel	Tellabs
Commscope	IXIA	TP-Link
Coriant	JDSU	trendnet
Corrigent	Waveready	Transition Networks
CPE	Juniper	Unifi - Switch
Cyan	Keymile	Viavi
D-Link	KTI	VSS
datacom	LANCOM	Westermo
Dell	Linksys	Zhone
DNWP	Lynx	ZTE
ECI	Mellanox	Zyxel
Edge-Core	Meraki	
Enterasys	Microsens	
Ericsson	Mikrotik	
Ericsson Redback	Moxa	
Extreme	MRV	
Exfo	Marconi	

Why Skylane Optics ?



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Innovations for Early Adopters

The manufacturing environment is strictly compliant with most advanced technological standards, ensuring our products a long term reliability.



Quality & Assurance

Our Cutting-Edge test equipment verifies that each of our products meets our high-quality standards .



Customization

Thanks to the specialists of Engineering Department, we have full control over both the hardware and the software of all our transceivers.

Need your personal labelling? No problem, just ask and we provide!



Mutli Compatibility

Skylane Optics offers a true cost-effective solution for all major platforms (yes, that big list above) including the original vendor firmware.



Technical Support

Any issues with your equipment? Just make some coffee, we are already dispatching an engineer to your premises to fix it.

Certifications

Skylane Optics transceivers are TUV certified.

- > EN 60950-1:2006 ITE, Safety, General requirements
- > EN 60825-1:2007 Safety of laser products
- > EN 60825-2:2004 Safety of Optical Fiber Communication Systems

Skylane Optics transceivers are CE and ROHS compliant.

Skylane Optics transceivers are UL certified.

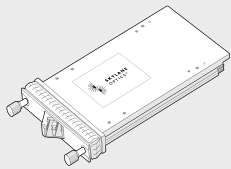
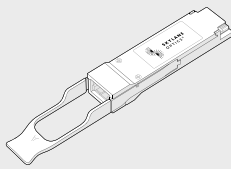
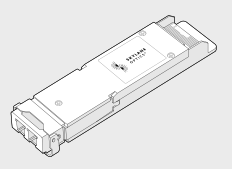
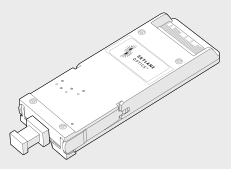
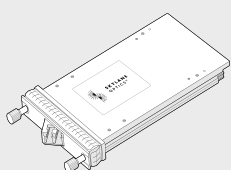
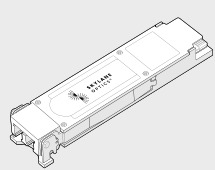
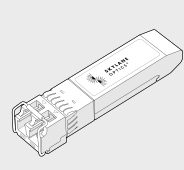
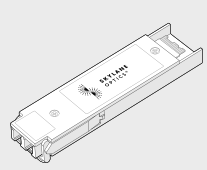
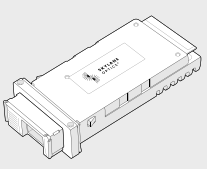
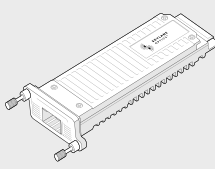
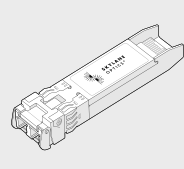
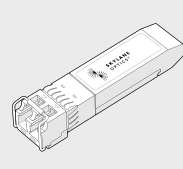


Summary

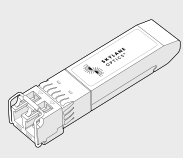
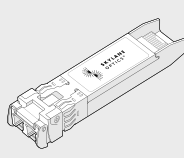
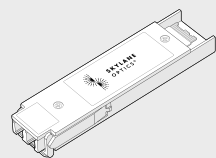


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TRANSCEIVERS

COHERENT  P08	QSFP28  P08	CFP4  P09	CFP2  P09
CFP  P09	QSFP+  P10	SFP28  P10	XFP  P11
X2  P12	XENPAK  P12	SFP+  P13	SFP  P14/15

PON TRANSCEIVERS

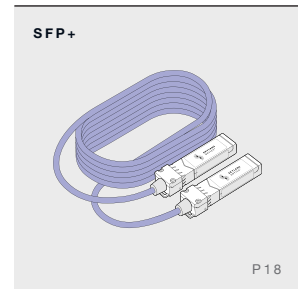
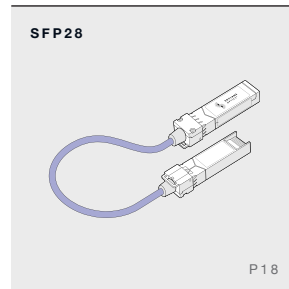
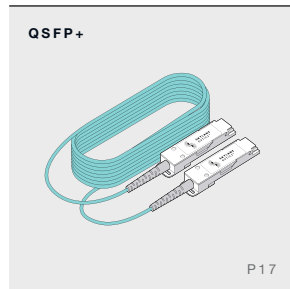
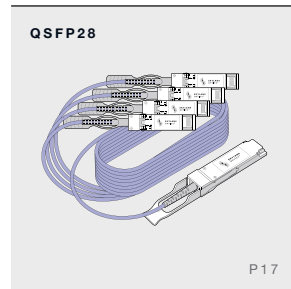
SFP  P16	SFP+  P16	XFP  P16
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Summary

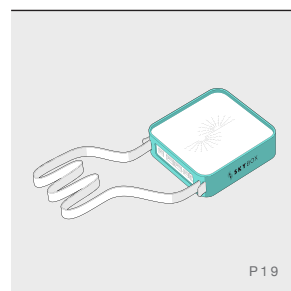


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CABLES



CODING BOX



PASSIVES

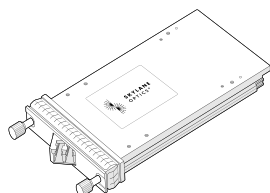
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Transceivers



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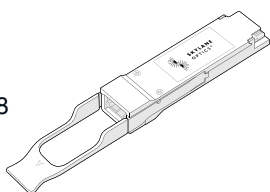
COHERENT



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Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
CFP DCO (Digital)	CFDTUDCOMR00	112 Gb/s	DWDM	12,5GHz DWDM tun	2000km	0°C to 70°C
CFP2 DCO (Digital)	C2DTUDCOMR01	200 Gb/s	DWDM	50GHz DWDM tun	1200km	0°C to 70°C
CFP2 DCO (Digital)	C2DTUDCOMR02	112 Gb/s	DWDM	50GHz DWDM tun	2000km	0°C to 70°C
CFP2 ACO (Analog)	C2DTUACOMR01	200 Gb/s	DWDM	6,25GHz DWDM tun	1200km	0°C to 70°C

QSFP28



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Parallel Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
100GBase-SR4	Q2885P10C0PF	103 Gb/s	Multi Mode	850nm	100m	0°C to 70°C
100GBase-eSR4	Q2885P30C0PF	103 Gb/s	Multi Mode	850nm	300m	0°C to 70°C
100GBase-PSM4	Q2813P50C0PD	103 Gb/s	Single Mode	1310nm	500m	0°C to 70°C

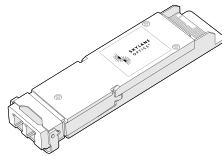
Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
100GBase-CWDM4	Q28QL002C00F	103 Gb/s	Single Mode	1270/1290/1310/1330nm	2km	0°C to 70°C
100GBase-CLR4	Q28QL002C00D	103 Gb/s	Single Mode	1270/1290/1310/1330nm	2km	0°C to 70°C
100GBase-LR4	Q28QD010C0xD	103 Gb/s	Single Mode	LAN-WDM 800GHz	10km	0°C to 70°C
100GBase-LR4 RX Only	QSRSR07C00D	103 Gb/s	Single Mode	n/a	n/a	0°C to 70°C
100GBase-LR4/OTU4	Q28QD010C10D	112 Gb/s	Single Mode	LAN-WDM 800GHz	10km	0°C to 70°C
100GBase-eLR4	Q28QD020C00D	103 Gb/s	Single Mode	LAN-WDM 800GHz	20km	0°C to 70°C
100GBase-ER4 Lite	Q28QD040C00F	103 Gb/s	Single Mode	LAN-WDM 800GHz	40km	0°C to 70°C

Transceivers



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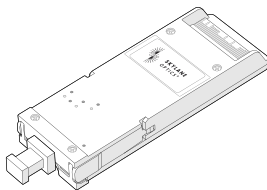
CFP4



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Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
100GBase-LR4	CF4QD010C00D	103 Gb/s	Single Mode	LAN-WDM 800GHz	10km	0°C to 70°C
100GBase-LR4/OTU4	CF4QD010C10D	112 Gb/s	Single Mode	LAN-WDM 800GHz	10km	0°C to 70°C

CFP2

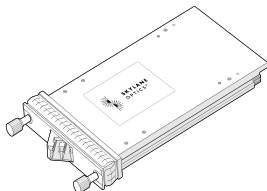


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Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
100GBase-LR4	CF2QD010C00D	103 Gb/s	Single Mode	LAN-WDM 800Ghz	10km	0°C to 70°C
100GBase-LR4/OTU4	CF2QD010C10D	112 Gb/s	Single Mode	LAN-WDM 800Ghz	10km	0°C to 70°C
100GBase-ER4	CF2QD040C00D	103 Gb/s	Single Mode	LAN-WDM 800Ghz	40km	0°C to 70°C

Converter						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
CFP2 to QSFP28 converter	C2Q00000C00D	103 Gb/s	n/a	n/a	n/a	0°C to 70°C

CFP



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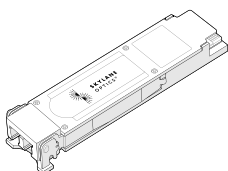
Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
100GBase-LR4	CFPQD010C00D	103 Gb/s	Single Mode	LAN-WDM 800Ghz	10km	0°C to 70°C
100GBase-LR4/OTU4	CFPQD010C10D	112 Gb/s	Single Mode	LAN-WDM 800Ghz	10km	0°C to 70°C
100GBase-ER4	CFPQD040C00D	103 Gb/s	Single Mode	LAN-WDM 800Ghz	40km	0°C to 70°C

Transceivers



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QSFP+



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Parallel Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
40GBase-SR4	QFP85P1040PD	40 Gb/s	Multi Mode	850nm	100m	0°C to 70°C
40GBase-eSR4	QFP85P03040PD	40 Gb/s	Single Mode	850nm	300m	0°C to 70°C
40GBase-PSM4 IR4	QFP13C1440PD	40 Gb/s	Single Mode	1310nm	1,4km	0°C to 70°C
40GBase-PSM4 LR4	QFP1301040PD	40 Gb/s	Single Mode	1310nm	10km	0°C to 70°C

Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
40GBase-IR4	QFPQL002400D	40 Gb/s	Single Mode	1270/1290/1310/1330nm	2km	0°C to 70°C
40GBase-LX4	QFPQL002400U	40 Gb/s	Single/Multi Mode	1270/1290/1310/1330nm	2km/150m	0°C to 70°C
40GBase-LR4	QFPQL010400D	40 Gb/s	Single Mode	1270/1290/1310/1330nm	10km	0°C to 70°C
40GBase-ER4	QFPQL040400D	40 Gb/s	Single Mode	1270/1290/1310/1330nm	40km	0°C to 70°C

SFP28



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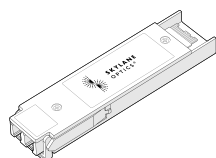
Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
25GBase-SR	S2885P10250F	25 Gb/s	Multi Mode	850nm	100m	-40°C to 85°C
25GBase-LR	S2813010250D	25 Gb/s	Single Mode	1310nm	10km	-40°C to 85°C

Transceivers



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XFP



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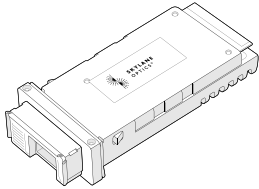
Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
10GBase-SR	XFP85P3010xD	10.3 Gb/s	Multi Mode	850nm	300m	-40°C to 85°C
10GBase-LR	XFP130x010xD	10.3 Gb/s	Single Mode	1310nm	10/20km	-40°C to 85°C
10GBase-LR Multi rate	XFP130x00HxD	11.35 Gb/s	Single Mode	1310nm	10/20km	-40°C to 85°C
10GBase-ER	XFP1504010xD	10.3 Gb/s	Single Mode	1550nm	40km	-40°C to 85°C
10GBase-ER Multi Rate	XFP150400HxD	11.35 Gb/s	Single Mode	1550nm	40km	-40°C to 85°C
10GBase-ZR	XFP1508010xD	10.3 Gb/s	Single Mode	1550nm	80km	-40°C to 85°C
10GBase-ZR Multi Rate	XFP150800HxD	11.35 Gb/s	Single Mode	1550nm	80km	-40°C to 85°C
Dual Fibre CWDM						
10GBase-CWDM	XFCxxxx10xD	10.3 Gb/s	Single Mode	CWDM ITU ch.	10/14/23dB-40/70km	-40°C to 85°C
Dual Fibre DWDM						
10GBase-DWDM	XFDxxxx10xD	10.3 Gb/s	Single Mode	DWDM ITU ch.	40/80km	-40°C to 85°C
10GBase-DWDM Multi Rate	XFDxxxx0HxD	11.35 Gb/s	Single Mode	DWDM ITU ch.	40/80km	-40°C to 85°C
Tunable						
10GBase-Tunable	XFDTU0800H0D	11.35 Gb/s	Single Mode	50GHz DWDM tun	23dB-80km	0°C to 70°C
Single Fibre BIDI						
10GBase-Bidi	XFB23xxx10xD	10.3 Gb/s	Single Mode	1270/1330nm	10/20/40/60km	-40°C to 85°C
10GBase-Bidi	XFB32xxx10xD	10.3 Gb/s	Single Mode	1330/1270nm	10/20/40/60km	-40°C to 85°C

Transceivers



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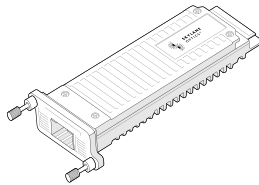
X2



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Converter						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
X2	X2S00000100D	10.3 Gb/s	n/a	n/a	n/a	0°C to 70°C

XENPAK



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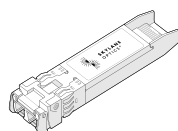
Converter						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
Xenpak	XPS00000100D	10.3 Gb/s	n/a	n/a	n/a	0°C to 70°C

Transceivers



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SFP+



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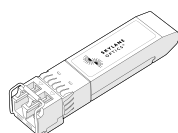
Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
16x Fiber Channel SW	SPP85P10160C	14.025 Gb/s	Multi Mode	850nm	100m	0°C to 70°C
16x Fiber Channel LW	SPP13010160C	14.025 Gb/s	Single Mode	1310nm	10km	0°C to 70°C
6G CPRI	SPPxxxxL6xD	6.144 Gb/s	Single Mode / Multi Mode	850/1310nm	300m / 2/10km	-40°C to 85°C
10GBase-SR	SPP85P3010xD	10.3 Gb/s	Multi Mode	850nm	300m	-40°C to 85°C
10GBase-LRM	SPP13P2210xA	10.3 Gb/s	Multi Mode	1310nm	220m	-40°C to 85°C
10GBase-LR	SPP13xxx10xD	10.3 Gb/s	Single Mode	1310nm	10/20km	-40°C to 85°C
10GBase-ER	SPP1504010xD	10.3 Gb/s	Single Mode	1550nm	40km	-40°C to 85°C
10GBase-ZR	SPP15xxx10xD	10.3 Gb/s	Single Mode	1550nm	80/100km	-40°C to 85°C
Dual Fibre CWDM						
10GBase-CWDM	SPCxxxx10xD	10.3 Gb/s	Single Mode	CWDM ITU ch.	10/14/23dB-40/70km	-40°C to 85°C
Single Fibre CWDM						
6G CPRI CWDM	SBHxxxxL62D	6.144 Gb/s	Single Mode	CWDM ITU ch.	10dB/18dB	-40°C to 85°C
Dual Fibre DWDM						
10GBase-DWDM	SPDxxxx10xD	10.3 Gb/s	Single Mode	DWDM ITU ch.	14/23dB-40/80km	-40°C to 85°C
Tunable						
10GBase-Tunable	SPDTU08010xD	11.35 Gb/s	Single Mode	50GHz DWDM tun	80km	-40°C to 85°C
10GBase-NarrowTunable	SPDTx080100D	11.35 Gb/s	Single Mode	C-Band 50GHz DWDM	80km	-40°C to 85°C
Copper						
10GBase-T	SPT00M301000	10.3 Gb/s	Copper	n/a	30m	0°C to 70°C
Single Fibre BIDI						
10GBase-Bidi	SPB23xxx10xD	10.3 Gb/s	Single Mode	1270/1330nm	10/20/40/60km	-40°C to 85°C
10GBase-Bidi	SPB32xxx10xD	10.3 Gb/s	Single Mode	1330/1270nm	10/20/40/60km	-40°C to 85°C
10GBase-Bidi	SPB45080100D	10.3 Gb/s	Single Mode	1490/1550nm	80km	0°C to 70°C
10GBase-Bidi	SPB54080100D	10.3 Gb/s	Single Mode	1550/1490nm	80km	0°C to 70°C

Transceivers



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Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
100Base-LX	SFP13xxxFExD	125 Mb/s	Single Mode	1310nm	2/10/20/30/40/60km	-40°C to 85°C
100Base-LX SGMII	SGP13xxxFExD	125 Mb/s	Single/Multi Mode	1310nm	2/10km	-40°C to 85°C
100Base-ZX	SFP15080FExD	125 Mb/s	Single Mode	1550nm	80km	-40°C to 85°C
1000Base-SX	SFP85P55GExD	1.25 Gb/s	Multi Mode	850nm	550m	-40°C to 85°C
1000Base-LXM	SFP13001GExD	1.25 Gb/s	Multi Mode	1310nm	1km	-40°C to 85°C
1000Base-LX	SFP13xxxGExD	1.25 Gb/s	Single Mode	1310nm	10/20km	-40°C to 85°C
1000Base-LX40	SFP13040GExD	1.25 Gb/s	Single Mode	1310nm	40km	-40°C to 85°C
1000Base-EX	SFP15040GExD	1.25 Gb/s	Single Mode	1550nm	40km	-40°C to 85°C
1000Base-ZX	SFP15xxxGExD	1.25 Gb/s	Single Mode	1550nm	60/80/120km	-40°C to 85°C
OC-48 Multi Rate	SFPxxxxPAxD	2.67 Gb/s	Single Mode	1310/1550nm	2/20/40/80km	-40°C to 85°C
3G CPRI	SFPxxxxL3xD	3.072 Gb/s	Single/Multi Mode	850/1310nm	300m/2/10km	-40°C to 85°C

Dual Fibre CWDM						
1000Base-CWDM	SFCxxxxGE0D	1.25 Gb/s	Single Mode	CWDM ITU ch.	16/24/32/40dB-40/80/120/160km	0°C to 70°C
4x Fiber Channel-CWDM	SFCxx0404F0D	4.25Gb/s	Single Mode	CWDM ITU ch.	16/24dB-40/80km	0°C to 70°C
OC-48 Multi Rate CWDM	SFCxx040PAxD	2.67Gb/s	Single Mode	CWDM ITU ch.	16/24dB-40/80km	-20°C to 85°C

Single Fibre CWDM						
3G CPRI Bidi CWDM	SBHxxB20L32D	3.072 Gb/s	Single Mode	CWDM ITU ch.	20.5dB	-40°C to 85°C

Dual Fibre DWDM						
1000Base-DWDM	SFDxxxxGE0D	1.25 Gb/s	Single Mode	DWDM ITU ch.	80/100/120km	0°C to 70°C

Copper						
1000BASE-T	SFT00P10GE0x	1.25 Gb/s	Copper	n/a	100m	0°C to 70°C
1000BASE-T	SGT00P10DR0x	1.25 Gb/s	Copper	n/a	100m	0°C to 70°C
100BASE-T	SFT00P10FE0x	125 Mb/s	Copper	n/a	100m	0°C to 70°C

Transceivers



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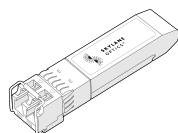
Dual Fibre						
STANDARD	PART NUMBER	DATA RATE	MEDIA TYPE	WAVELENGTH	DISTANCE	TEMPERATURE
100Base-BXD	SBD53xxxFExD	125 Mb/s	Single Mode	1550/1310nm	10/20/40/60km	-40°C to 85°C
100Base-BXU	SBU35xxxFExD	125 Mb/s	Single Mode	1310/1550nm	10/20/40/60km	-40°C to 85°C
1000Base-BXD SGMII	SGD53010FExD	125 Mb/s	Single Mode	1550/1310nm	10km	-40°C to 85°C
1000Base-BXU SGMII	SGU35010FExD	125 Mb/s	Single Mode	1310/1550nm	10km	-40°C to 85°C
1000Base-BXD	SBD43xxxDRxD	1.25 Gb/s	Single Mode	1490/1310nm	10/20/40km	-40°C to 85°C
1000Base-BXU	SBU34xxxDRxD	1.25 Gb/s	Single Mode	1310/1490nm	10/20/40km	-40°C to 85°C
1000Base-BXD	SBD53xxxDRxD	1.25 Gb/s	Single Mode	1550/1310nm	3/10/20/40/60/80km	-40°C to 85°C
1000Base-BXU	SBU35xxxDRxD	1.25 Gb/s	Single Mode	1310/1550nm	3/10/20/40/60/80km	-40°C to 85°C
2x Single Fibre C-SFP						
1000Base-BXD C-SFP	SCD53xxxDRxD	1.25 Gb/s	Single Mode	1550/1310nm	10/20km	0°C to 70°C
1000Base-BXD C-SFP	SCD43xxxDRxD	1.25 Gb/s	Single Mode	1490/1310nm	10/20/40km	0°C to 70°C

Transceivers PON



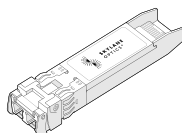
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SFP



SUB-10G PON										
STANDARD	PART NUMBER	DATA RATE TX	DATA RATE RX	FORM FACTOR	WAVELENGTH	TX	RX	DISTANCE	TEMPERATURE	CONNECTOR
GPON OLT B+	SBM43CBPDGxD	2,488 Mbps	1,244 Mbps	Bidi SFP	1490/1310nm	DFB	APD	B+	-40°C to 85°C	SC
GPON OLT C+	SBM43CCPDGxD	2,488 Mbps	1,244 Mbps	Bidi SFP	1490/1310nm	DFB	APD	C+	-40°C to 85°C	SC
GPON OLT C++	SBM43CCCDG3D	2,488 Mbps	1,244 Mbps	Bidi SFP	1490/1310nm	DFB	APD	C++	0°C to 70°C	SC

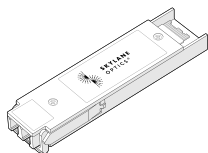
SFP+



10G PON										
10GEPON OLT	SPH53C30XR3D	10,3125 Mbps	1,25 Mbps	Bidi SFP+	1577/1310nm	EML	APD	PRX30	0°C to 70°C	SC
10GEPON ONU	SPI25C30PR3D	10,3125 Mbps	10,3125 Mbps	Bidi SFP+	1270/1577nm	EML	APD	PR30	0°C to 70°C	SC
	SPI35C30RX3D	1,25 Mbps	10,3125 Mbps	Bidi SFP+	1310/1577nm	DFB	APD	PRX30	0°C to 70°C	SC
XGPON1 OLT	SPF52CN1ND3D	9,953 Mbps	2,488 Mbps	Bidi SFP+	1577/1270nm	EML	APD	N1	0°C to 70°C	SC
XGPON1 ONU	SPG25CN1DNxD	2,488 Mbps	9,953 Mbps	Bidi SFP+	1270/1577nm	DFB	APD	N1	-40°C to 85°C	SC

NG PON										
XGSPON OLT	SSM52CN1NN3D	9,953 Mbps	9,953 Mbps	Bidi SFP+	1577/1270nm	EML	APD	N1	0°C to 70°C	SC
XGSPON ONU	SSN25CN1XXxD	10,3125 Mbps	10,3125 Mbps	Bidi SFP+	1270/1577nm	EML	APD	N1	-40°C to 85°C	SC

XFP



10G PON										
10GEPON OLT	XBO52C30PR3D	10,3125 Mbps	10,3125 Mbps	Bidi XFP	1577/1270nm	EML	APD	PR30	0°C to 70°C	SC
XGPON1 OLT	XBM52CN1ND3D	9,953 Mbps	2,488 Mbps	Bidi XFP	1577/1270nm	EML	APD	N1	0°C to 70°C	SC

NG PON										
XGSPON OLT	XSM52CN1NN3D	9,953 Mbps	9,953 Mbps	Bidi XFP	1577/1270nm	EML	APD	N1	0°C to 70°C	SC

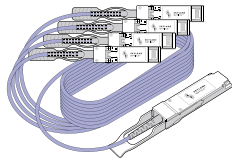
ALL PRODUCTS ARE DDM

Cables



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QSFP28

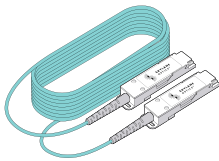


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DAC										
STANDARD	PART NUMBER	FORM FACTORS	DATA RATE	WAVELENGTH	TX	RX	DISTANCE	PROTOCOL	T°	NOTES
100GBase-T (passive)	DAPQMxxC000	QSFP28 to QSFP28	103 Gb/s	n/a	n/a	n/a	50cm/1/2/3m	100x Gigabit Ethernet	0°C to 70°C	1
100GBase-T Breakout Cable	DAPQSMxxC000	QSFP28 to 4x SFP28	103 Gb/s	n/a	n/a	n/a	50cm/1/2/3m	25x/100x Gigabit Ethernet	0°C to 70°C	1,2

AOC										
100GBase	DAOQMxxC00D	QSFP28 to QSFP28	103 Gb/s	850nm	4x VCSEL	4xPIN	1/3/5/10/15/30/50/75/100m	100x Gigabit Ethernet	0°C to 70°C	1
100GBase Breakout Cable	DAOQSMxxC00D	QSFP28 to 4x SFP28	103 Gb/s	850nm	4x VCSEL	4xPIN	50cm/1/2/3m	25x/100x Gigabit Ethernet	0°C to 70°C	1,2

QSFP+



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DAC										
40GBase-T (passive)	DAPQxxx4000	QSFP+ to QSFP+	40 Gb/s	n/a	n/a	n/a	50cm/1/2/3/4/5m	40x Gigabit Ethernet	0°C to 70°C	1
40GBase-T Breakout Cable	DAPQsxxx4000	QSFP+ to 4x SFP+	40 Gb/s	n/a	n/a	n/a	50cm/1/2/3/4/5m	10x/40x Gigabit Ethernet	0°C to 70°C	1,2
40GBase-T (active)	DAAQMxx4000	QSFP+ to QSFP+	40 Gb/s	n/a	n/a	n/a	7/10m	40x Gigabit Ethernet	0°C to 70°C	1

AOC										
40GBase	DAOQxxx400D	QSFP+ to QSFP+	40 Gb/s	850nm	4x VCSEL	4xPIN	3/5/10/30/50/100m	40x Gigabit Ethernet	0°C to 70°C	1
40GBase Breakout Cable	DAOQSMxx400D	QSFP+ to 4x SFP+	40 Gb/s	850nm	4x VCSEL	4xPIN	3/5/10/30/50/100m	10x/40x Gigabit Ethernet	0°C to 70°C	1,2

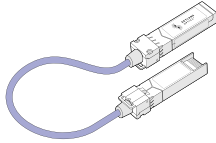
1 Mxx & xxx IN PART NUMBER INDICATES CABLE LENGTH. 2 BREAKOUT CABLE.

Cables



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SFP28

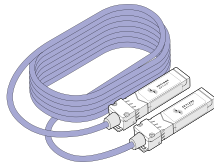


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DAC										
STANDARD	PART NUMBER	FORM FACTORS	DATA RATE	WAVELENGTH	TX	RX	DISTANCE	PROTOCOL	T°	NOTES
25GBase-T	DAPSSMxx2500	SFP28 to SFP28	25 Gb/s	n/a	n/a	n/a	50cm/1/2/3/5m	25x Gigabit Ethernet	0°C to 70°C	1

AOC										
STANDARD	PART NUMBER	FORM FACTORS	DATA RATE	WAVELENGTH	TX	RX	DISTANCE	PROTOCOL	T°	NOTES
25GBase	DAOSSMxx250D	SFP28 to SFP28	25 Gb/s	850nm	VCSEL	PIN	1/2/3/5/10/20/30/50/100m	25x Gigabit Ethernet	0°C to 70°C	1

SFP+



[SEE THE PRODUCT](#)

DAC										
STANDARD	PART NUMBER	FORM FACTORS	DATA RATE	WAVELENGTH	TX	RX	DISTANCE	PROTOCOL	T°	NOTES
10GBase-T (passive)	DAPSSMxx1000	SFP+ to SFP+	10.3 Gb/s	n/a	n/a	n/a	50cm/1/2/3/5/7m	10x Gigabit Ethernet 10x Fibre Channel	0°C to 70°C	1
10GBase-T (active)	DAASSxxx1000	SFP+ to SFP+	10.3 Gb/s	n/a	n/a	n/a	1/2/3/5/7/10m	10x Gigabit Ethernet 10x Fibre Channel	0°C to 70°C	1

AOC										
STANDARD	PART NUMBER	FORM FACTORS	DATA RATE	WAVELENGTH	TX	RX	DISTANCE	PROTOCOL	T°	NOTES
10GBase	DAOSSxxx100D	SFP+ to SFP+	10.3 Gb/s	850nm	VCSEL	PIN	1/3/5/7/10/15/20/30/50/100m	10x Gigabit Ethernet 10x Fibre Channel	0°C to 70°C	1

1 Mxx & xxx IN PART NUMBER INDICATES CABLE LENGTH. 2 BREAKOUT CABLE.

Coding Box



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The **SkyBox** is a solution, provided and managed by **Skylane Optics**, enabling our customer to program **Skylane Optics transceivers** by themselves.

Customers can now easily make *SFP/ SFP+/ SFP28 / CSFP, XFP, QSFP+/ QSFP28 and XFP transceivers* compatible with equipment from a large number of vendors (Cisco, Juniper, HP, ...).

The wavelength of **Skylane tunable transceivers** can also be set to the desired value using **SkyBox**.

To allow use of **SkyBox** in any situation, the box comes with a battery.

By the way, you never know where you must reprogram and install your transceivers!

As the world is getting more and more connected the **SkyBox** comes with a mobile and desktop application compatible with **android® and Mac OS®**.

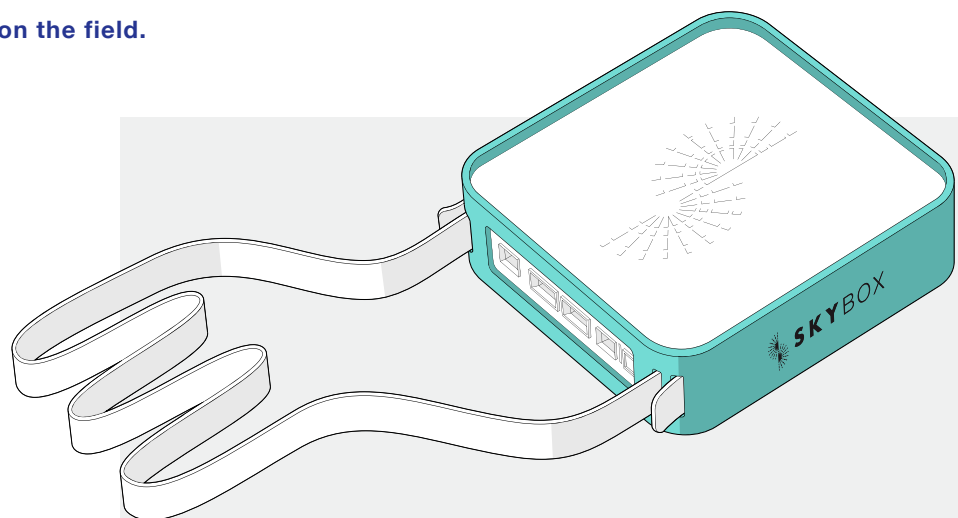
With this toolbox, you are able to code your transceivers but also to see the history of all your previous coding activities.

Furthermore, other options can be added such as OTDR, Power Meter, VOA, Wavelength meter.

There is no other brand offering a battery-powered coding box.

The **SkyBox** is a real partner for you engineers on the field. With SkyBox, you do not need to code your transceiver before leaving the office.

You can do everything on the field.



[SEE THE PRODUCT](#)

Main benefits



User Friendly

The SkyBox is provided with a mobile and desktop application.



Cost-effective Solution

Less part numbers needed and stock management/logistics will be simplified.



Highly Compatible

Make your transceiver compatible for all major platform.

Contact



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