OXF
Optical XConnect Frame

OXF are light metal frames designed to offer maximum modularity and flexibility.
The OXF rack is the most compact, cost-saving solution on the market. It can be delivered in flat packaging to reduce shipping costs and for easy on-site assembly. Many configurations available (close, partially open or open frames).

The modular OXF design naturally allows installation in rows, back-to-back and stand-alone.
The OXF building blocks range includes modules and kits, which allow to assemble bespoke structures according to your needs. Thanks to this built-in flexibility, this product is suitable for different types of Central Office applications.
OXF racks have a capacity of up to 4,272 fibres in 44 units. The frames have an innovative and adaptable patch cable management area with the possibility of managing a standard patch cable length of 4 meters for each cross connection inside the rack. Completely pre-assembled solutions are available according to customer requirements to ensure saving time and costs on-site.

APPLICATIONS

• Management of OSP cables into subracks
• Management of ISP cables into subracks
• Management of fiber patch-cords

INSTALLATIONS

• Telecommunication Exchanges
• Central Offices
• Data Centers
• Equipment Rooms

KEY FEATURES AND BENEFITS

• Full front accessibility
• Maximum flexibility, modularity and compactness
• ETSI compliant with 19'' rails mounting
• The feet installed in the base of the cabinet are adjustable
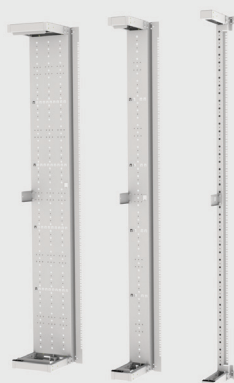• Bend radius protection throughout the frame

RACK TYPE	DIMENSIONS			CAPACITY (SUBRACKS)			COLOURS
	Height	Standard Widths	Depth	1U (2 INCH)	2U (3.5 INCH)	3U (5 INCH)	
OXF	2200	600-750-900-1050-1200	300	44	22	15	RAL 7035 - Gray

OXF BASIC KITS
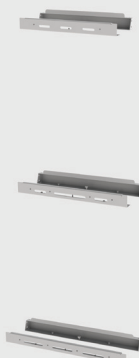
KIT 6 BENDING CONTROL
6 pieces cable limiter drums

KIT MODULES
300 x 300 mm
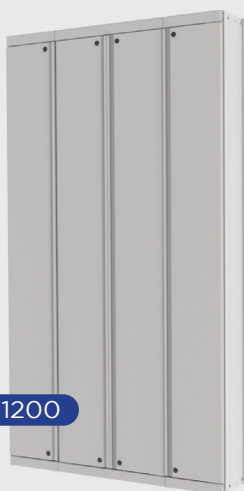150 x 300 mm
80 x 300 mm

KIT BRACKETS
440 mm
520 mm
600 mm

KIT DOOR
150 mm
300 mm

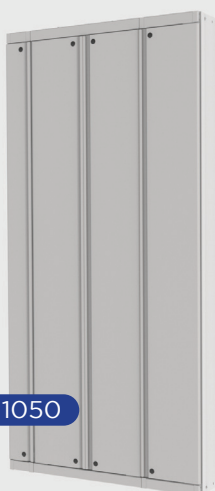**KIT PANELS**
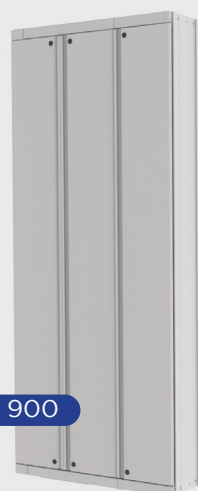Side panels 300 mm
Back panels 150-300 mm

OXF STANDARD ASSEMBLES

1200

1050

900

900

750

600

OXF DIFFERENT CONFIGURATIONS

ONLY FRAME

PARTIALLY OPEN

FULLY CLOSED - SIDE DUCTS SECURED

OXF ORDERING INFORMATION

SERIES NAME	RACK WIDTH	RACK HEIGHT	DOORS CONFIGURATION	PANELS CONFIGURATION
OPTO-OXF	A	2 = (2200 mm)	B	C

Code C	Panel
1	No Panel
2	No Side Panel + All Back Panel
2.1	No Side Panel + One Side Back Panel
2.2	No Side Panel + One Side and Central Back Panel
2.3	No Side Panel + Central Back Panel
3	Side Panels
4	Back Panel + Side Panels
4.1	Side Panel + One Side Back Panel
4.2	Side Panel + One Side and Central Back Panel
4.3	Side Panel + Central Back Panel

Description	Code A	Details for installation
006000	600	600 (80 + 440 + 80)
006015	750	600 (80 + 520) + 150
156000	750	150 + 600 (520 + 80)
156015	900	150 + 600 + 150
306000	900	300 + 600 (520 + 80)
006030	900	600 (80 + 520) + 300
156030	1050	150 + 600 + 300
306015	1050	300 + 600 + 150
306030	1200	300 + 600 + 300

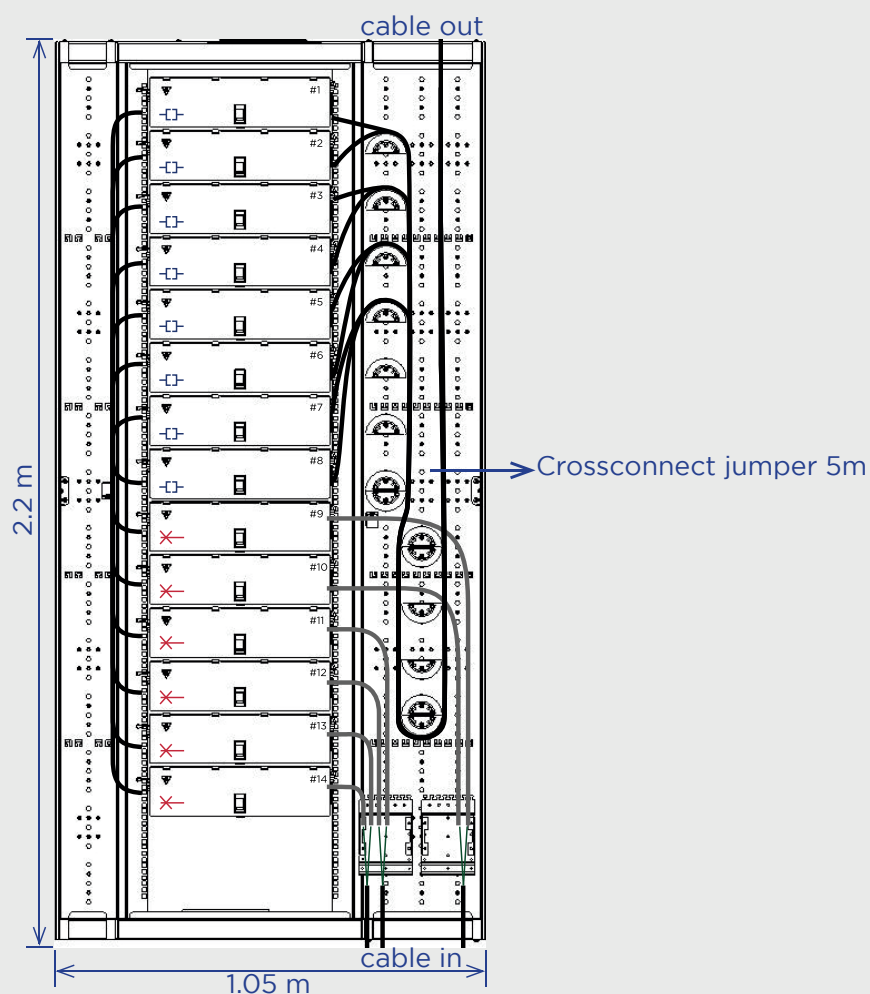| Code B	Doors configuration vs rack width	Left doors	Central doors	Right doors
000	600, 750, 900, 1050, 1200	N/a	N/a	N/a
030	600, 750, 900, 1050, 1200	N/a	n.2-door 300	N/a
101	900	door 150	N/a	door 150
202	1200	door 300	N/a	door 300
131	900	door 150	n.2-door 300	door 150
232	1200	door 300	n.2-door 300	door 300
031	750, 900, 1050	N/a	n.2-door 300	door 150
130	750, 900, 1050	door 150	n.2-door 300	N/a
032	900, 1050, 1200	N/a	n.2-door 300	door 300
230	900, 1050, 1200	door 300	n.2-door 300	N/a
132	1050	door 150	n.2-door 300	door 300
231	1050	door 300	n.2-door 300	door 150

All kits can be ordered separately and are customizable.
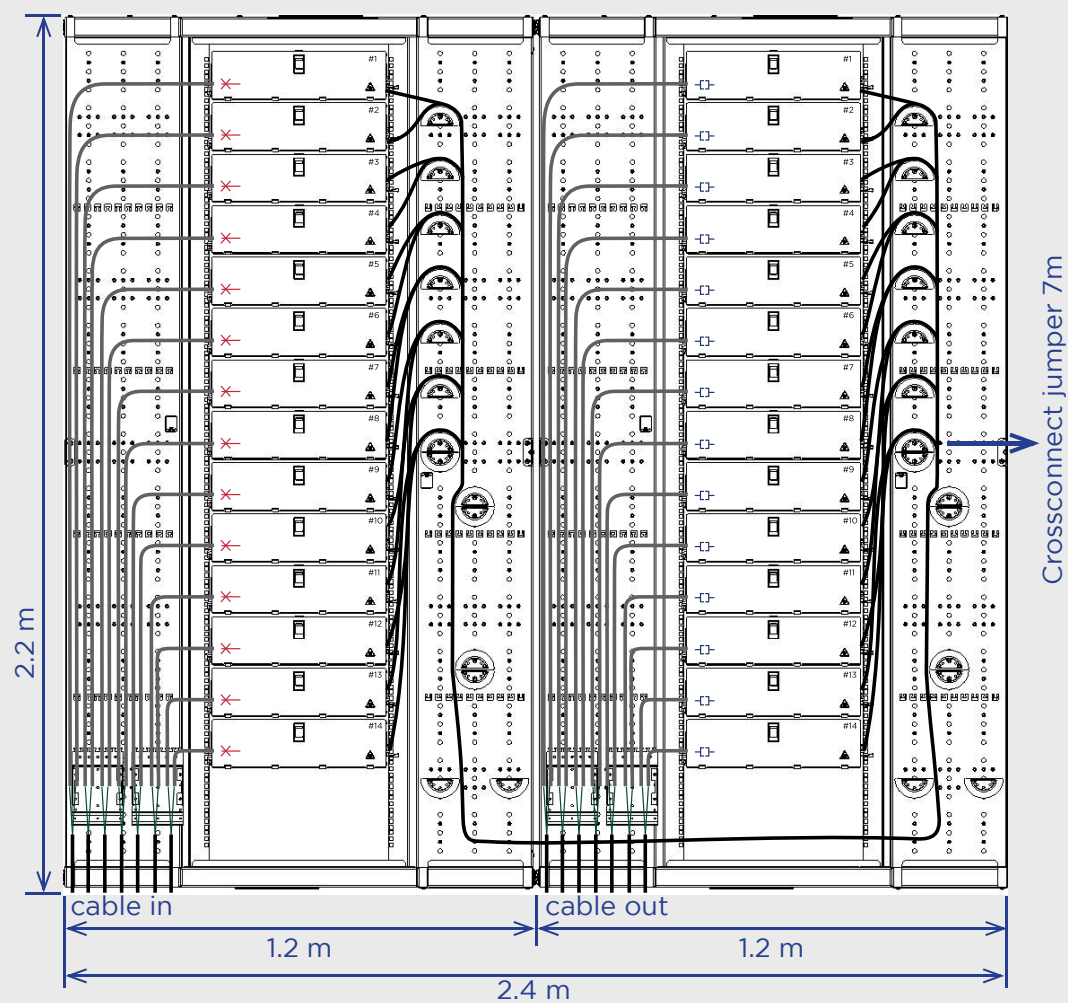*Please contact your STL representative for further information.*

44 UNIT CAPACITY MEANS OVER YOUR NETWORK NEEDS
Max number of 19'' subracks

Subrack 1U — **44 UNITS**

Subrack 2U — **22 UNITS**

Subrack 3U — **15 UNITS**
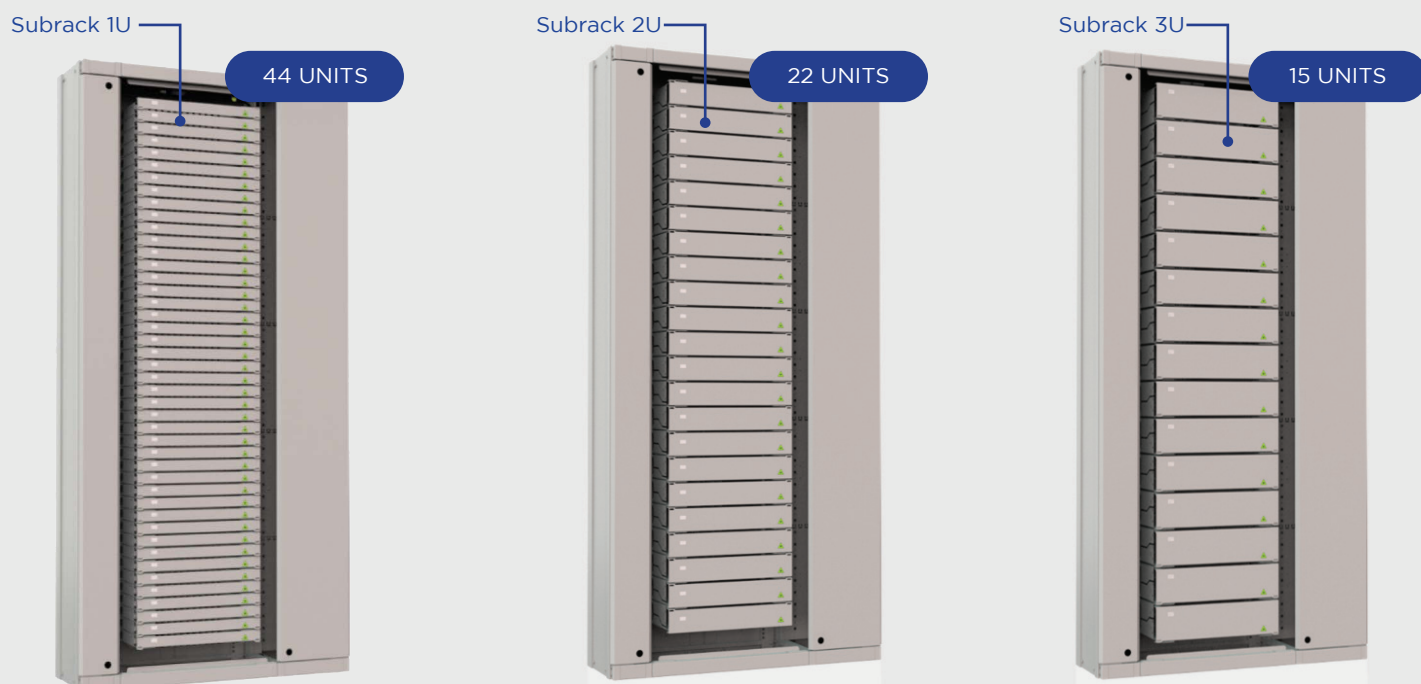
CROSSCONNECT - SINGLE CIRCUIT

cable out

#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
#11
#12
#13
#14

→ Crossconnect jumper 5m

2.2 m

1.05 m

cable in

CROSSCONNECT - SINGLE ELEMENT

2.2 m

Crossconnect jumper 7m

cable in   cable out

1.2 m   1.2 m

2.4 m

OVERVIEW CAPACITY

	SIDE DUCT 150 mm				
LAYOUT	A	B	C	D	E
Max. # of 1.6mm pigtails (pcs)	864	864	540	864	1512

	SIDE DUCT 300 mm						
LAYOUT	A	B	C	D	E	F	G
Max. # of 1.6mm pigtails (layout A,B,C,D,E: pcs layout F and G: m)	1512	1512	756	1512	1512	1944	1458

SIDE DUCT BENDING LIMITERS POSSIBLE LAYOUTS

A	B	C	D	E	F	G
IC out bottom	IC out top	XC	IC + XC	Direct	VPS - top out	VPS - bottom out
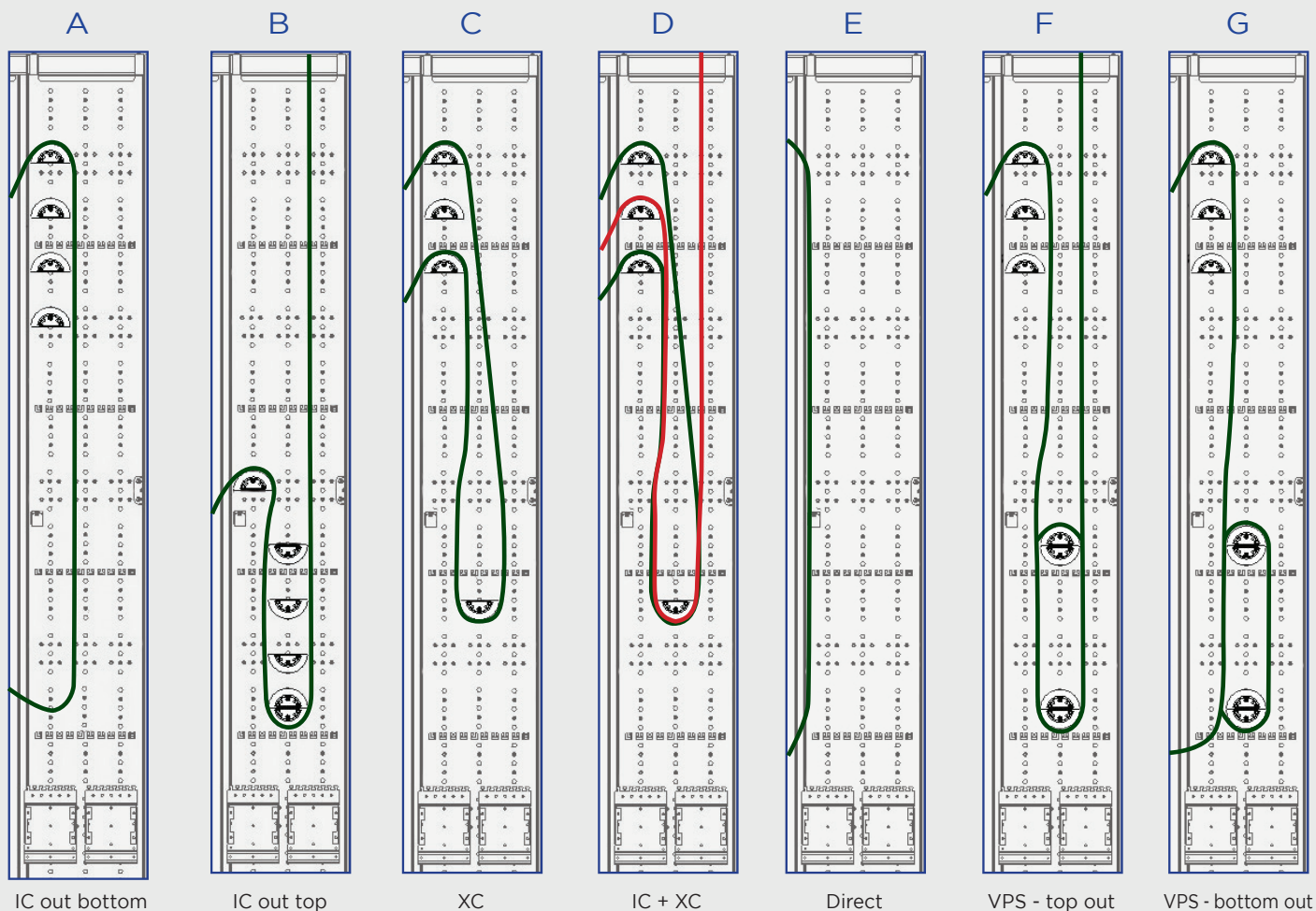
FIX YOUR CABLES, SECURE YOUR LABOUR
Different options for fixing cables

1 - By clamp clips on fixing plate

3 - By clamp directly in the subrack
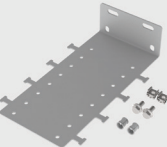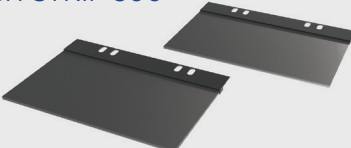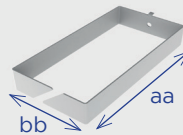

2 - By Cable Termination Splitter

- Possibility to manage 12fo or 24fo cable modules.

- Transportation tubes 5x3mm dia.

- Factory pre-loading according to customer specs.

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OXF COMPLEMENTARY ACCESSORIES KIT

KIT CODE EXTENSION AND PICTURE	DESCRIPTION
FOCUS-STDKIT-CTS-MANIFOLD	For fixing cables and branching up to 12x transportation tubes (Ø5x3mm).
FOCUS-STDKIT-CFP	For side fixing into side ducts of racks. Used to fix: - 4 fiber optic cables (Ømax 40mm) - 4 cts-manifold
ODFKIT-6DRUMS	Bending limiter for patchords fixed to side ducts. (see SIDE DUCT BENDING LIMITER POSSIBLE LAYOUTS section) Plus drum adapter for back panel fixing
OXF-LOCK	Standard lock EK333 for securing doors. (two pieces needed for each door for top/bottom closing)
OXF - BRUSH STRIP 150	Top cover for cable dust protection. Two pieces for each kit. (available in two sizes)
OXF - BRUSH STRIP 300	
OXF - CABLE FIXING PLATE	For YY cable fixing and branching up to 209 transportation tubes (Ø5x3mm). To be fixed on the bottom of the frame. Please ask our sales support for U-clamps (suitable for different cable diameters).
CABLE FIXING PLATE ASSEMBLY	To fix up to 10 fiber optic cables. Transportation tubes (corrugated pipes, etc.). *U-clamps needed for fixing cables available on demand (cable range 8-28mm).*
OXFG - CABLE GUIDE SMALL	Side duct cable guide dimension 197(aa) x 67(bb). Suitable for up to 5223 patchcords of 1.6mm and 4202 patchcords of 2.0mm.
OXFG - CABLE GUIDE BIG	Side duct cable guide dimension 197(aa) x 97(bb). Suitable for up to 7605 patchcords of 1.6mm and 4868 patchcords of 2.0mm.

3.2/052025

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