

OXF

Optical Xconnect Frame

Optotec 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.

Together with Optotec panels, OXF racks have a capacity of up to 4,320 fibres in 45 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

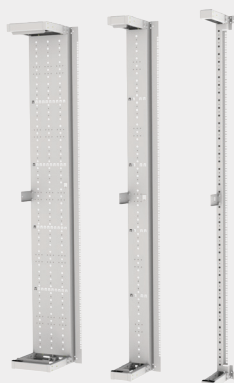


RACK TYPE	DIMENSIONS			CAPACITY (SUBRACKS)			COLOURS
	Height	Standard Widths	Depth	1U (2 INCH)	2U (3.5 INCH)	3U (5 INCH)	
OXF	2200	600-750-900-1050-1200	300	45	22	15	RAL 7035 - Gray

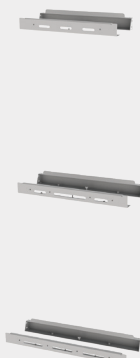
OXF BASIC KITS



↓
**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

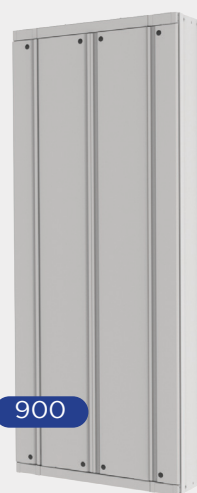
OXF STANDARD ASSEMBLES



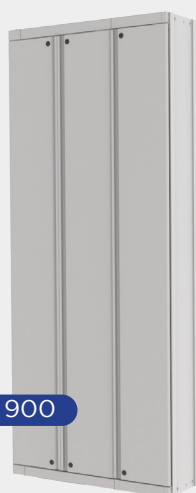
1200



1050



900



900



750



600

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Users of STL products should make their own evaluation to determine the suitability of each product for the specific application.

OXF DIFFERENT CONFIGURATIONS



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	
								N/a	
								2	
								Back panel	
								3	
								Side panel	
								4	
								Back panel + side panel	

Description	Code A	Details for installation
006000	600	80 + 440 + 80
006015	750	80 + 520 + 150
156000	750	150 + 520 + 80
156015	900	150 + 600 + 150
306000	900	300 + 520 + 80
006030	900	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 Optotec representative for further information.

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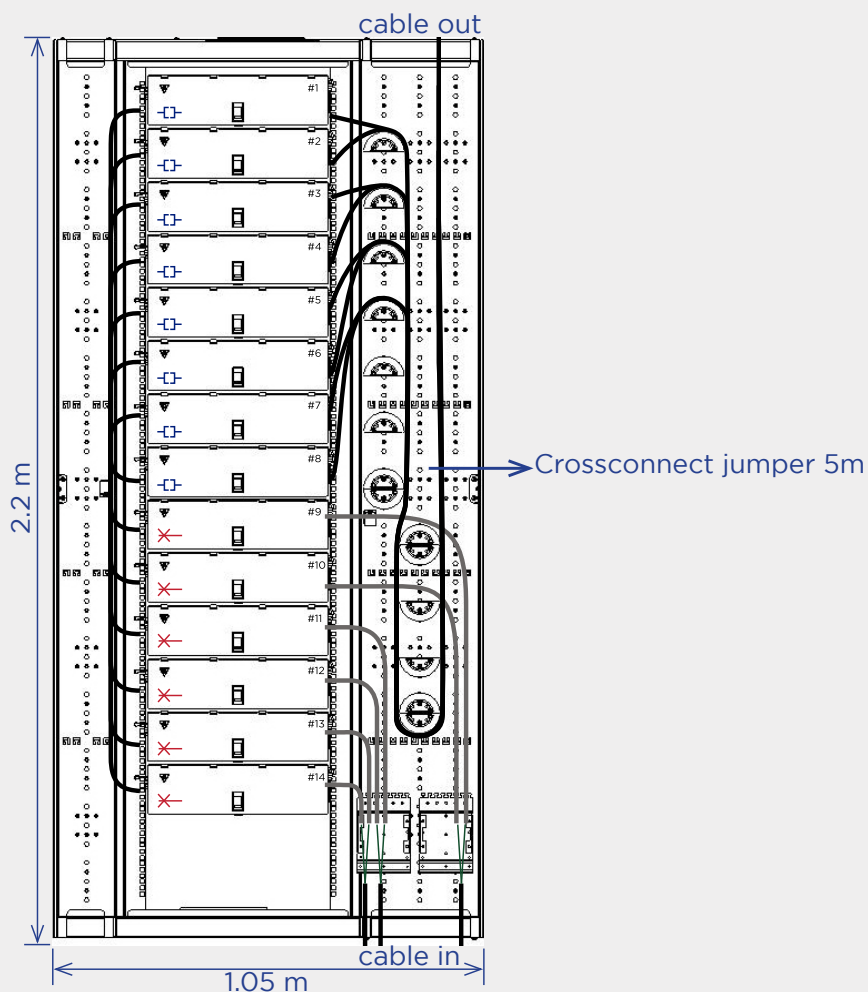
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45 UNIT CAPACITY MEANS OVER YOUR NETWORK NEEDS

Max number of 19" subracks



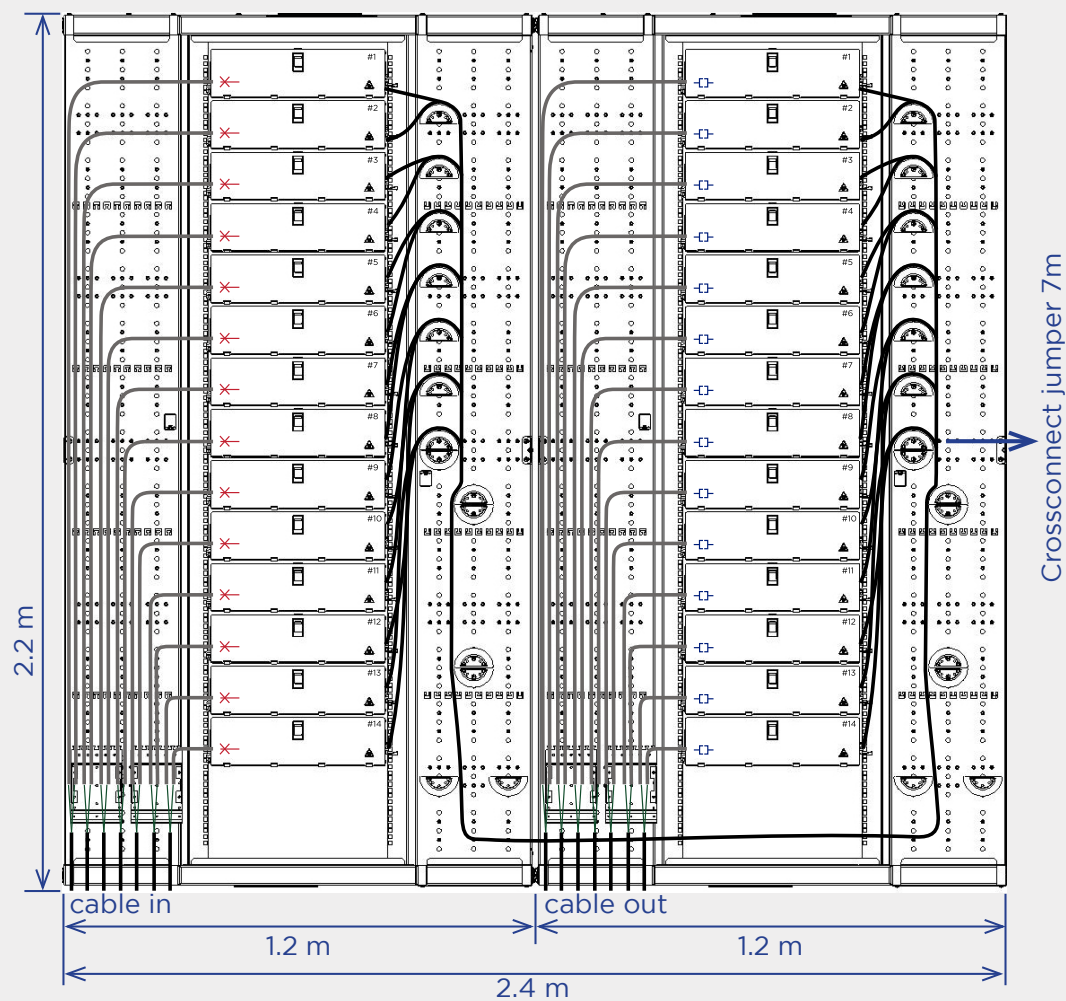
CROSSCONNECT - SINGLE CIRCUIT



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CROSSCONNECT - SINGLE ELEMENT



OVERVIEW CAPACITY

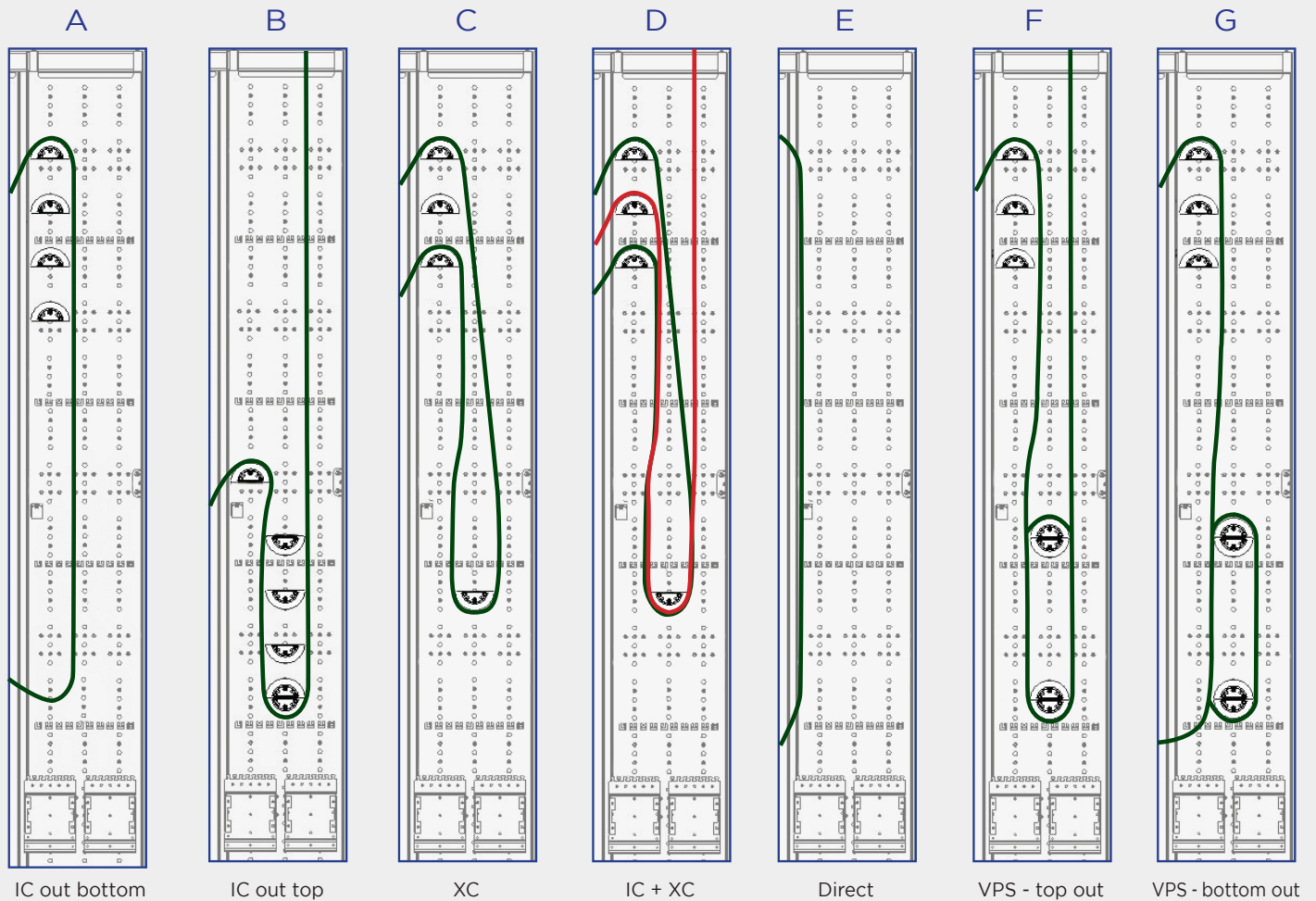
	SIDE DUCT 150 mm				
LAYOUT	A	B	C	D	E
Max. # of 1.6mm pigtails (pcs)	864	864	540	864	1512

	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

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SIDE DUCT BENDING LIMITERS POSSIBLE LAYOUTS



FIX YOUR CABLES, SECURE YOUR LABOUR

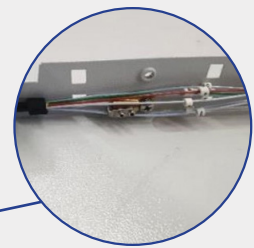
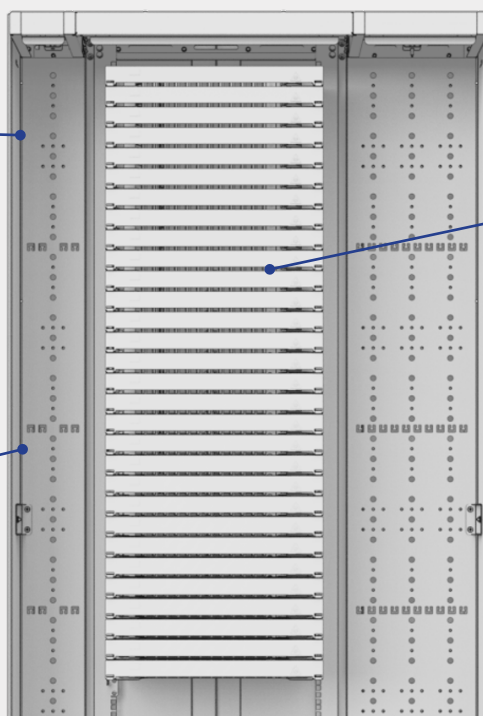
Different options for fixing cables



1 - By clamp clips on fixing plate



2 - By Cable Termination Splitter



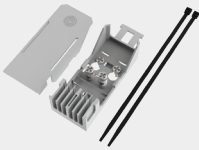
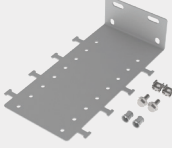


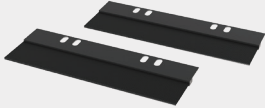
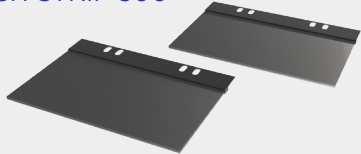
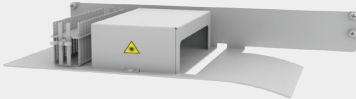
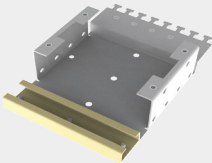

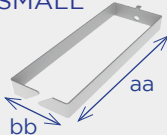
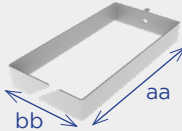
3 - By clamp directly in the subrack

- 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
<p>FOCUS-STDKIT-CTS-MANIFOLD</p> 	<p>For fixing cables and branching up to 12x transportation tubes ($\varnothing 5 \times 3 \text{mm}$).</p>
<p>FOCUS-STDKIT-CFP</p> 	<p>For side fixing into side ducts of racks. Used to fix: - 4 fiber optic cables ($\varnothing_{\text{max}} 40 \text{mm}$) - 4 cts-manifold</p>
<p>ODFKIT-6DRUMS</p> 	<p>Bending limiter for patchcords fixed to side ducts. (see SIDE DUCT BENDING LIMITER POSSIBLE LAYOUTS section)</p> <p>Plus drum adapter for back panel fixing</p>
<p>OXF-LOCK</p> 	<p>Standard lock EK333 for securing doors. (two pieces needed for each door for top/bottom closing)</p>
<p>OXF - BRUSH STRIP 150</p> 	<p>Top cover for cable dust protection. Two pieces for each kit. (available in two sizes)</p>
<p>OXF - BRUSH STRIP 300</p> 	
<p>OXF - CABLE FIXING PLATE</p> 	<p>For YY cable fixing and branching up to 209 transportation tubes ($\varnothing 5 \times 3 \text{mm}$). To be fixed on the bottom of the frame. Please ask our sales support for U-clamps (suitable for different cable diameters).</p>
<p>CABLE FIXING PLATE ASSEMBLY</p> 	<p>To fix up to 10 fiber optic cables. Transportation tubes (corrugated pipes, etc.).  <i>U-clamps needed for fixing cables available on demand (cable range 8-28mm).</i></p>
<p>OXFG - CABLE GUIDE SMALL</p> 	<p>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.</p>
<p>OXFG - CABLE GUIDE BIG</p> 	<p>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.</p>

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