

# optotec 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

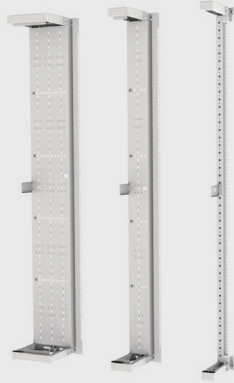
- Full front accessibility
- Maximum flexibility, modularity and compactness
- ETSI compliant with 19" rails mounting
- The feet installed in the base of the cabinet are adjustable
- Bend radius protection throughout the frame

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

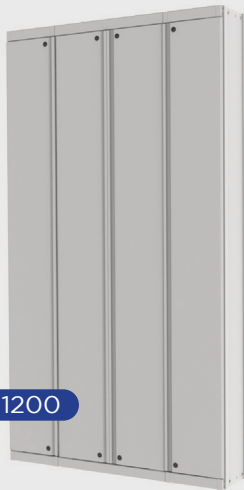


↓  
**KIT DOOR**  
 150 mm  
 300 mm

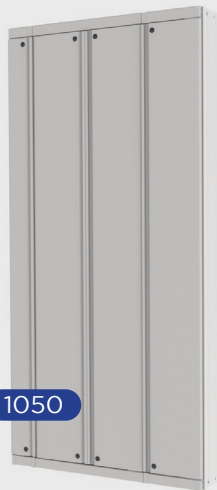


↓  
**KIT PANELS**  
 Side panels 300 mm  
 Back panels 150-300  
 mm

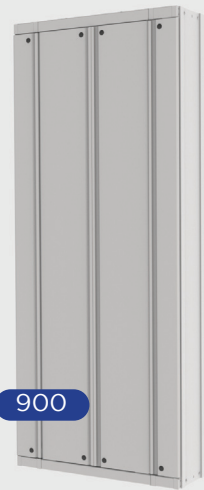
## OXF STANDARD ASSEMBLES



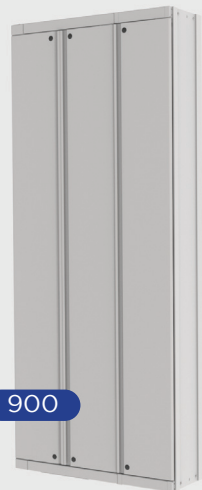
1200



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	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

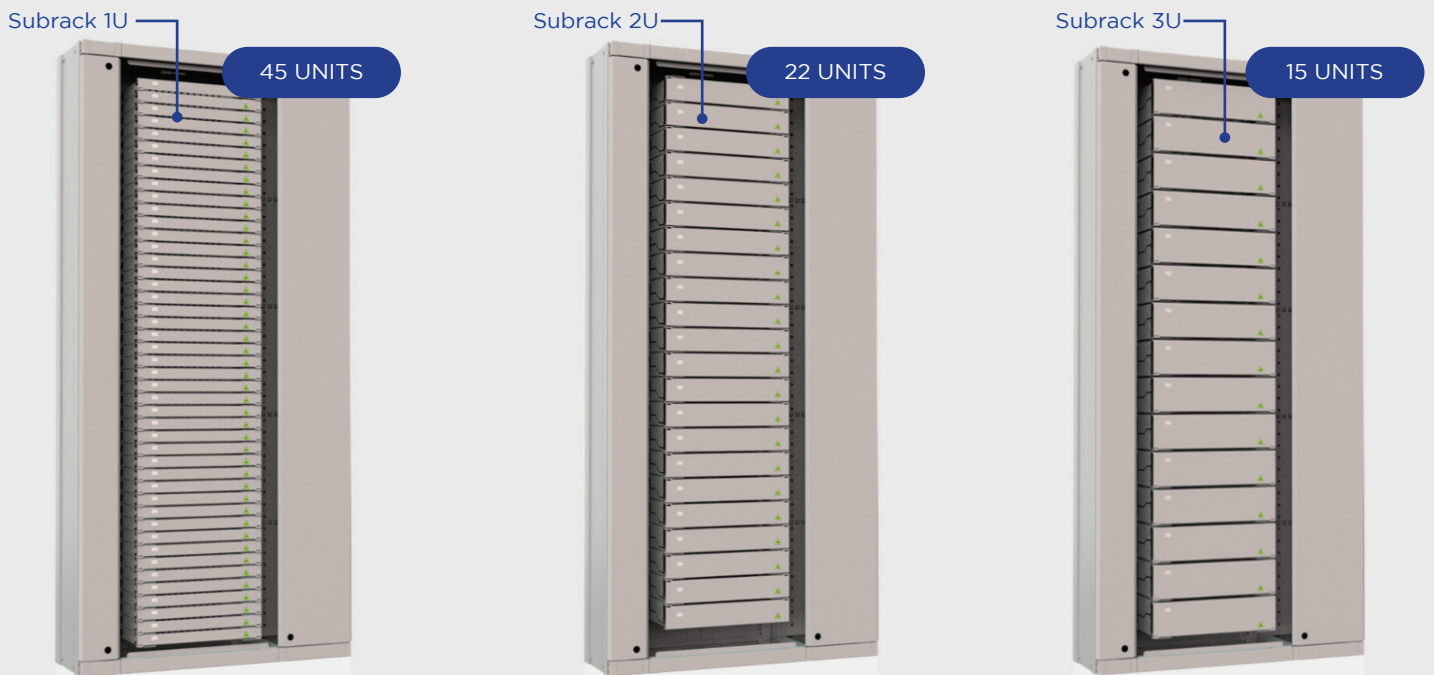
\*All kits can be ordered separately and are customizable.  
Please contact your Optotec representative for further information.

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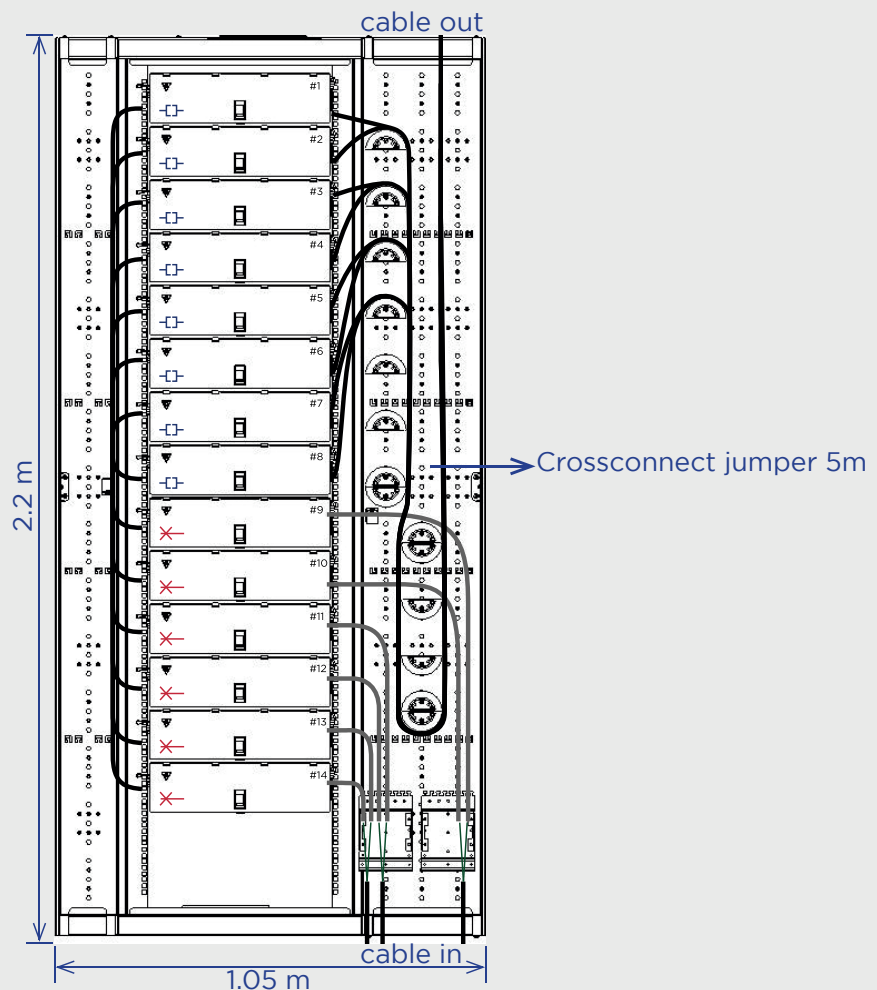
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# 45 UNIT CAPACITY MEANS OVER YOUR NETWORK NEEDS

Max number of 19" subracks



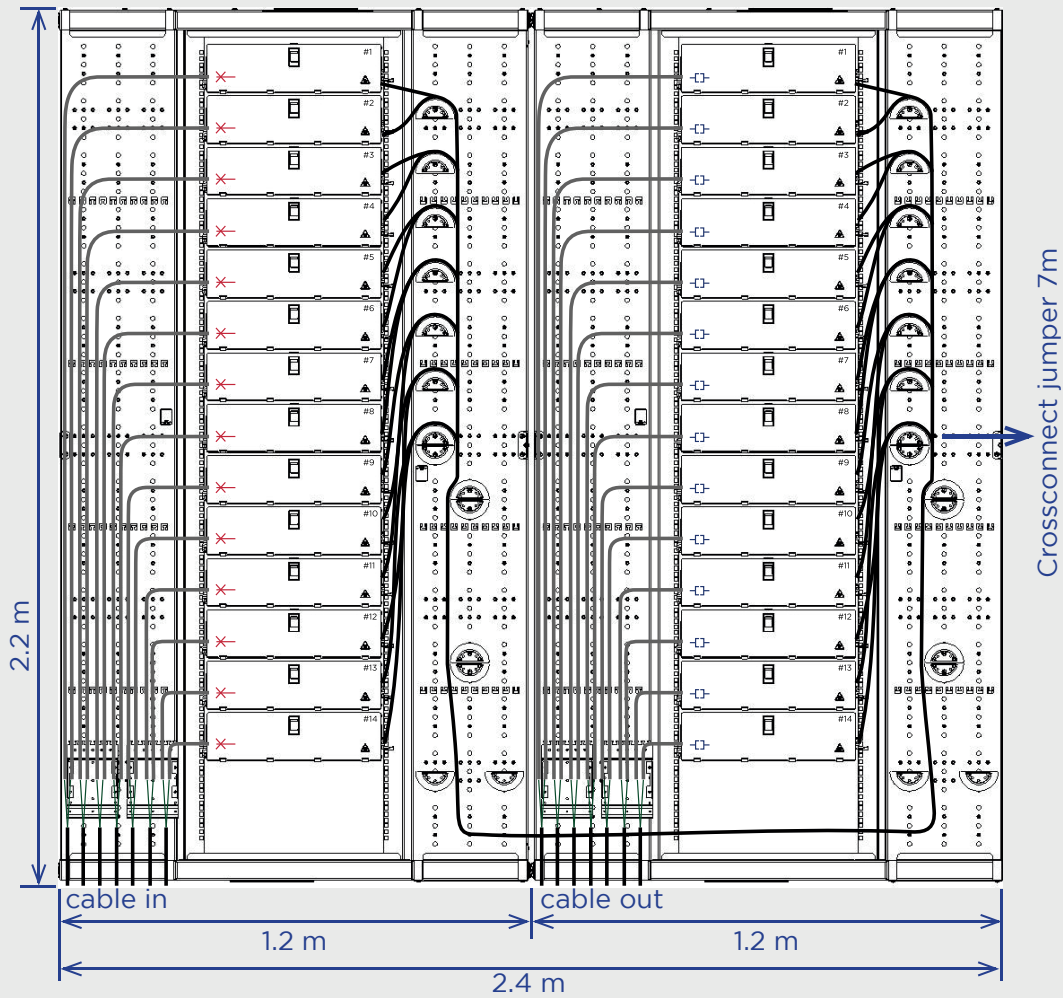
## CROSSCONNECT - SINGLE CIRCUIT



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# CROSSCONNECT - SINGLE ELEMENT



## OVERVIEW CAPACITY

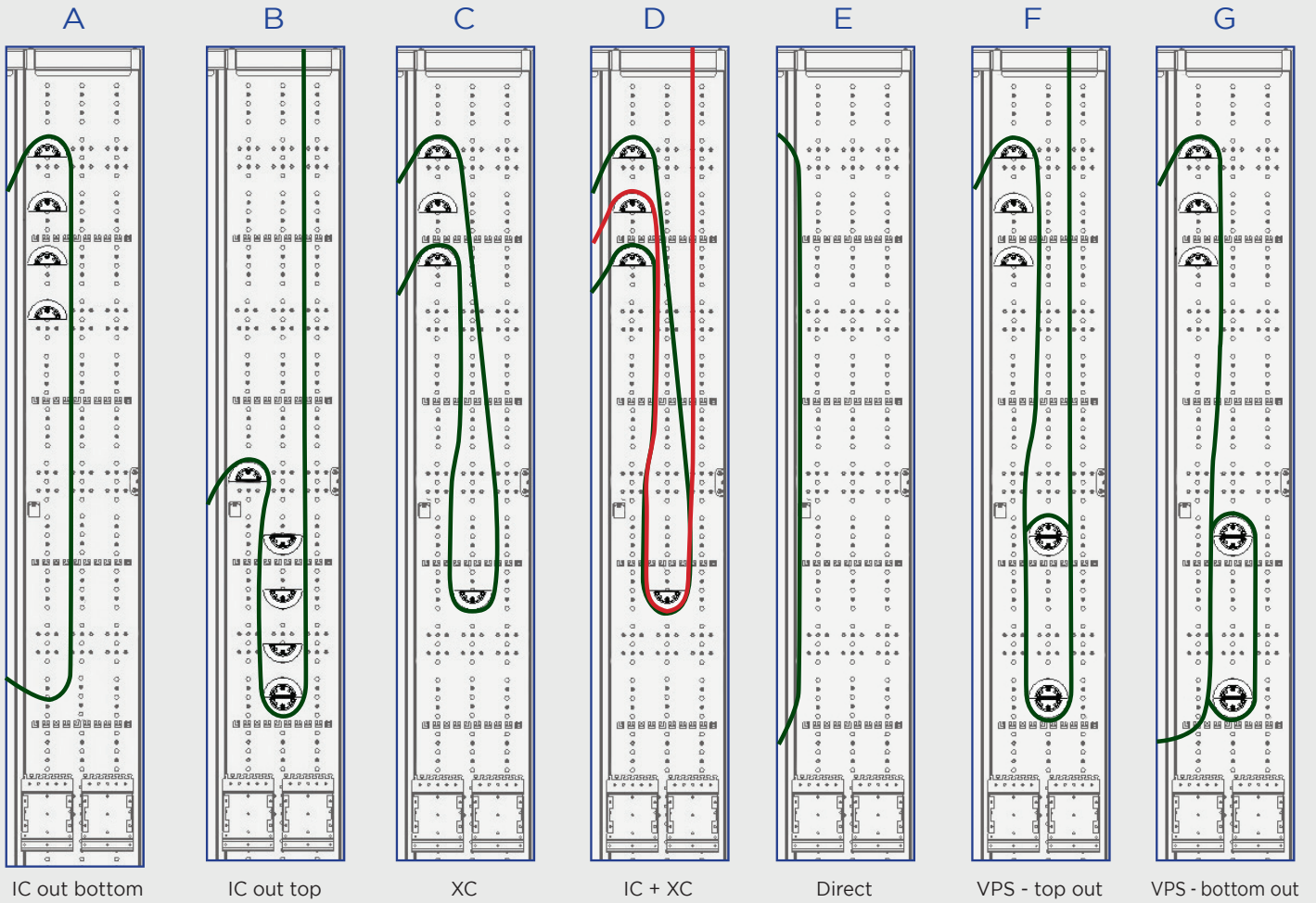
	SIDE DUCT 150 mm				
LAYOUT	A	B	C	D	E
Max. # of 1.6mm pigtails (pcs)	864	864	540	864	1512

	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

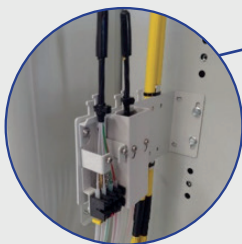


## FIX YOUR CABLES, SECURE YOUR LABOUR

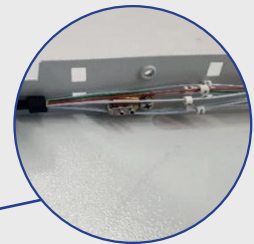
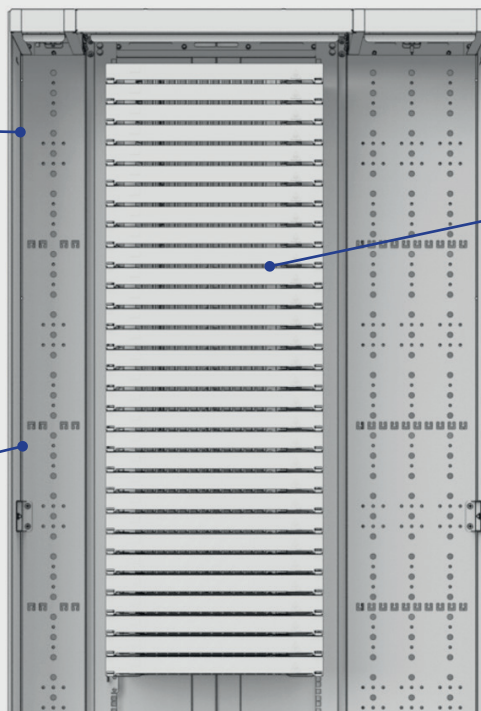
Different options for fixing cables



1 - By clamp clips on fixing plate



2 - By Cable Termination Splitter



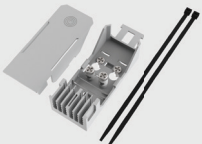




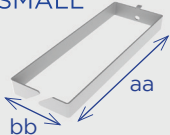
3 - By clamp directly in the subrack

- 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 (<math>\varnothing 5 \times 3 \text{mm}</math>).</p>
<p>FOCUS-STDKIT-CFP</p> 	<p>For side fixing into side ducts of racks. Used to fix: - 4 fiber optic cables (<math>\varnothing \text{max } 40 \text{mm}</math>) - 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 (<math>\varnothing 5 \times 3 \text{mm}</math>). 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.).  U-clamps needed for fixing cables available on demand (cable range 8-28mm).</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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