DOBEX-2U Distribution Drawer

Prysmian Part Numbers: *See table on page 3.*

The DOBEX-2U Distribution Drawer is a 2U splice and patch panel for installation into 19" or ETSI racks. The product is fully metallic and has a capacity of up to 96 fibres on a splice and patch basis. The product can be configured with FC, ST, E2000, SC or LC type pigtails and adapters..

The panel has a pull out drawer providing easy access to the fibre splicing and management area. The panel has an in built cable management area on the underside and a drop down panel to protect the fibre connections

Features and Benefits

• Excellent optical fibre cord management, minimum cable and patchcords movement.

• Pull out drawer for easy access for splicing and maintenance.

• Can accommodate up to 48 adapters of ST, FC, SC, E2000 or 96 adapters of LC type in 2U.

• Can accommodate up to 4 splice trays each able to accommodate up to 24 splices.

• Suitable for direct installation into 19" racks, or ETSI racks by use of adapters.

• The drop down front panel prevents accidental disconnection of patch-cords and provides additional space for patchcord routing during installations.

• All fibres are positively bend managed to a 30mm radius

• Supplied with a front panel labels for easy identification and data recording.

• Cables enter the unit from the rear. Up to 4 cables can of up to 21mm in diameter can be accommodated.

• Patchcords exit the unit from the front and are routed to the left or right hand side of the rack.

• Manufactured from steel painted light grey RAL 7035.

Kit Contents

01 x Shelf
N x 900 micron Pigtails White
N x Number Collets on Pigtails
N x Adapters
N x Splice Tray
N x Splice Protectors
10 x Cable Guides
04 x Cable tie 100mm
07 x Cable tie 200mm
01 x Velcro Tape 100 mm
02 x Fibre Caution Labels

Additional Items

• Splice Tray

• ETSI Conversion Brackets

• Heat Shrink Splice Protectors

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Technical Data

- Max number of terminations: 48 with FC, ST, E2000 or SC, 96 with LC

- Connector types: FC, ST, E2000, SC or LC

- Max number of cable in: 4

- Max cable diameter: 21mm

- Max number of patchcords out: 48 with FC, ST, E2000 or SC, 96 with LC

- Max number of splice trays: 4

- Splice tray capacity: 24 splices each

- Required space envelope (mm): (w) 482 x (d) 300 x (h) 88

- Operating temperature: -20°C to + 60°C (5 to 93% RH)

- Material: Steel

- Finish: Painted light grey RAL 7035

Logistics

- Packing Dimensions (mm): (w) 560 x (d) 290 x (h) 175

- Packed Weight (kg): 2.95

- Net weight (kg): 2.40

Front Panel Fibre ID Label

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Pigtail Technical Data

Pigtails are supplied with either xx/UPC or xx/APC connectors.

xx/UPC connectors can be used in cases where xx/PC or xx/SPC connectors are required.

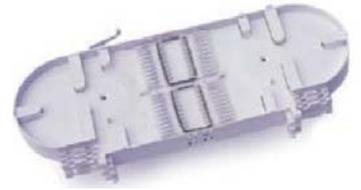For technical data on the pigtails supplied refer to Prysmian data sheet AC003

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Part Numbers:

Part Number	Function	Connector type	No. of Adapters	No of Pigtails
XES28130610	Splice and Patch	FC/UPC	24	24
XES28130611	Splice and Patch	FC/UPC	48	48
XES28130636	Splice and Patch	FC/APC	24	24
XES28130637	Splice and Patch	FC/APC	48	48
XES28130612	Splice and Patch	E2000/UPC	24	24
XES28130613	Splice and Patch	E2000/UPC	48	48
XES28130614	Splice and Patch	ST	24	24
XES28130615	Splice and Patch	ST	48	48
XES28130616	Splice and Patch	SC/UPC	24	24
XES28130617	Splice and Patch	SC/UPC	48	48
XES28130625	Splice and Patch	SC/APC	24	24
XES28130626	Splice and Patch	SC/APC	48	48
XES28130627	Splice and Patch	LC/UPC	24	24
XES28130628	Splice and Patch	LC/UPC	48	48
XES28150027	Splice and Patch	LC/UPC	96	96
XES28130629	Splice and Patch	LC/APC	24	24
XES28130630	Splice and Patch	LC/APC	48	48
XES28150025	Splice and Patch	LC/APC	96	96

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Additional Items

Splice Tray

Spare splice trays can be purchased if required. The splice tray has a capacity of up to 24 fibres. Up to four splice trays can be accommodated in the DOBEX 2U distribution Drawer. The splice tray is also compatible with splitters. Contact Prysmian for further information.

Prysmian Part No. – XES28130618

ETSI Conversion Brackets.

ETSI conversion brackets enable the shelf to be installed into an ETSI rack. They are secured to the unit using four fixing screws.

Prysmian Part No. – XKTSC00171 Grey

Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 2.5mm in diameter and 61mm in length.

Prysmian Part No. – XES28081121

Please contact your local sales office listed on **www.prysmiangroup.com**

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