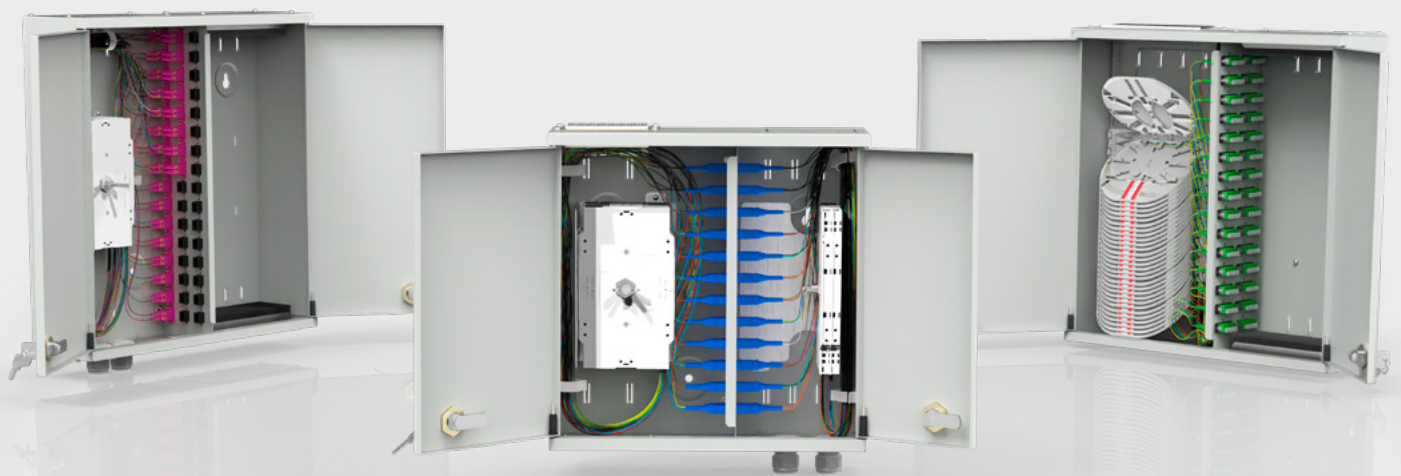


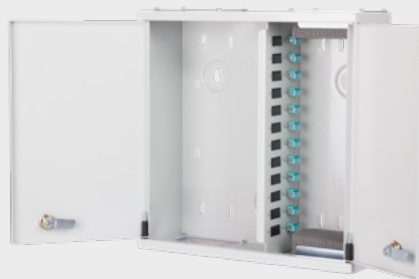
Product information – OpDAT WV wall-mounted distributor



OpDAT WV – wall-mounted distributor



OpDAT wall-mounted distributor splice



OpDAT wall-mounted distributor VIK



Product specification

The OpDAT WV wall-mounted distributor is a universal use distributor for floor wiring or as a building distribution point in the plant room.

Properties

- > surface-mounted housing with two lockable hinged doors, two different locks for the separation between the network wiring and other wiring in the house
- > simple, space-saving wall mounting
- > the cable management area offers good access possibilities and safe routing of the pigtails or VIKs. The cable feeding is extremely flexible thanks to the varying designs of cable in feeds and can be fed in from above and below. Depending on the distributor size, between 1 and 8 cables or between 1 and 3 VIKs can be inserted. If this is not enough, further cable infeeds are available as accessories to order separately.
- > in the patch area, incoming patch cords can be safely routed and inserted through a foam cable feeding from top to bottom. By replacing these cable infeeds, VIKs can also be connected from the patch side (see optional accessories).
- > available in two sizes:
 - Size S for up to 48 plug connections
 - Size M for up to 96 plug connections
- > each available in two equipment variants:
 - **variant splice**: with adapters and pigtails for fiber type OM3, OM4, OM5 and OS2
 - **variant VIK**: with adapters, prepared for pre-assembled installation cables (VIK)
- > for SC duplex, SC simplex, LC duplex, E2000 simplex and ST duplex. Break-outs not enclosed in the patch panel are sealed with blanking plugs
- > labeling fields in the doors

Applications

- > floor wiring
- > distribution technology in buildings
- > wiring in industrial areas

Technical data

MECHANICAL PROPERTIES		OpDAT WV S	OpDAT WV M
Housing		Powder-coated steel plate, light gray RAL 7035	
Patch panel		Powder-coated steel plate, light gray RAL 7035	
			Adapter positions numbered
Dimensions W x H x D mm		300 mm x 300 mm x 100 mm	400 mm x 400 mm x 100 mm
Weight (unequipped)		3.1 kg	4.6 kg
Protection class in accordance with IEC 60529			IP20
Capacities	Adapters	max. 24 LC-D, SC-S, E2000-S or max. 12 SC-D, ST-D	max. 48 LC-D, SC-S, E2000-S or max. 24 SC-D, ST-D
	Pigtails	max. 48	max. 96
	Splice trays	max. 4	max. 8
	Variant splice (scope of delivery)	2 pc for each 2x M20 and 2 pc for patch cords	2 pc for each 4x M20 and 2 pc for patch cords
Cable infeeds	Variant VIK (scope of delivery)	1 pc with 2x U cut-outs for VIK with universal cable and 1 pc for 2x M20 and 2 pc for patch cords	1 pc with 3x U cut-outs for VIK with universal cable and 1 pc for 4x M20 and 2 pc for patch cords
	optional	1 pc for 1x M25	1 pc for 2x M20 2x M25 and 3x M25

Equipment variants

VARIANT SPLICE

- > Equipped with splice trays, splice holders, pigtails and adapters
- > Pigtails are placed in splice trays ready to splice. Pigtail connectors cleaned and plugged into adapters, assignment according to color code IEC 60304.
- > Included in delivery contents:
 - > 2 cable infeeds for M20
 - > 2 cable glands M20
 - > 2 cable infeeds for patch cords
 - > Cable infeeds, cable ties, spiral hoses
 - > Material for wall fitting



VARIANT VIK

- > Equipped with adapters
- > Prepared for fixing pre-assembled installation cables (OpDAT VIK). Depending on the chosen VIK type, additional accessories for cable fixing may need to be ordered.
- > Included in delivery contents:
 - > 1 cable infeed for VIKs with universal cable
 - > 2 VIK retainer plates
 - > 1 cable infeed for M20
 - > 2 cable infeeds for patch cords
 - > Cable infeeds
 - > Material for wall fitting



OpDAT WV – wall-mounted distributor B with splice trays on both sides for FTTH applications



Product specification

The OpDAT wall-mounted distributor with splice tray on both sides is a distributor specially designed for FTTH applications. It is typically placed in the plant room and serves as a building transfer point and at the same time as a distribution point for the house wiring. On the connection side of the wall-mounted distributor, the outdoor or installation cables are spliced onto

pigtails. The pigtail connectors are placed on adapters. On the apartment side, all cables from the individual apartments are each placed on a splice tray with 4 pigtails. The patch panel allows the desired connections to be switched directly via the pigtails without additional patch cords.

Properties

- > Wall-mounted distributor size S
- > Connection side for 3 splice trays: An enclosed cable infeed for two M20 glands can be mounted leading either upwards or downwards
- > Apartment side for up to 24 fibers (max. 6 splice trays). A matching cable infeed with brush protection for max. 6 individual cables is included and can be mounted at the top or bottom as desired.
- > with LC duplex or SC duplex adapters. Break-outs not enclosed in the patch panel are sealed with blanking plugs
- > Pigtails with single mode fiber insusceptible to bending according to ITU-T G.657.A
- > Labeling fields in the doors

Equipment and capacity

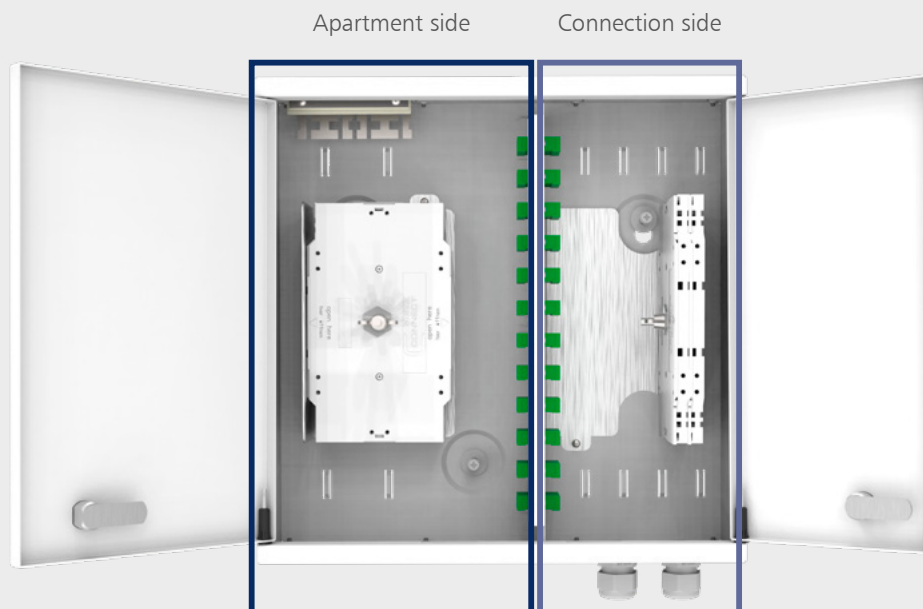
APARTMENT SIDE				CONNECTION SIDE		
Apartment number = cable number	Number of splice trays	Number of pigtails	Number of adapters ¹⁾	Number of pigtails	Number of splice trays	Connection cable examples
1	1	4	6	4	1	1x universal cable 1x12
2	2	8	6	8		
3	3	12	6	12		
4	4	16	12	16	2	1x universal cable 1x24 2x universal cables 1x12
5	5	20	12	20		
6	6	24	12	24		

¹⁾ The number of adapters is set to 6 or 12 to make retrofitting easier.

Scope of delivery

- > Equipped with splice trays, splice holders, pigtails and adapters
- > SM pigtails are placed in splice trays ready to splice. Pigtail connectors cleaned and plugged into adapters, assignment according to color code IEC 60304.
- > 1 cable infeed for 2x M20, enclosed
- > 2 cable glands M20 with clamping range 7 to 12 mm
- > 1 cable infeed with brush protection for 6 single cables, enclosed
- > Cable infeeds, cable ties, spiral hoses
- > Material for wall fitting

Details



OpDAT WV – wall-mounted distributor

Multi-family dwelling



Product specification

This variant of the OpDAT wall-mounted distributor serves as a distribution cabinet for multi-family dwellings with up to 30 residential units. The strain relief system in conjunction with

the single circuit trays allow for easy handling and a separate splice area for each residential unit.

Properties

- > up to 5 single circuit splice tray blocks with 6 splice trays each enable the fibers of each individual residential unit to be placed and spliced separately
- > each splice tray is equipped with 4 pigtails each. The pigtails are placed down and ready to splice
- > each LC-Q adapter is directly assigned to a splice tray and therefore a residential unit
- > the innovative cable catch provides secure strain relief for the incoming cables
- > in the patch area, incoming patch cords can be safely routed and inserted through a foam cable feeding from top to bottom
- > alternatively, a pre-assembled cable can be screwed in and caught between the building transfer point and the wall-mounted distributor
- > wall-mounted distributor size M
- > labeling fields in the doors

Technical data

	OpDAT WV
Adapter break-outs	30 x LC-Q
Cable infeed	1x brush strip with separate strain relief 1x foam cable infeed for patch cords

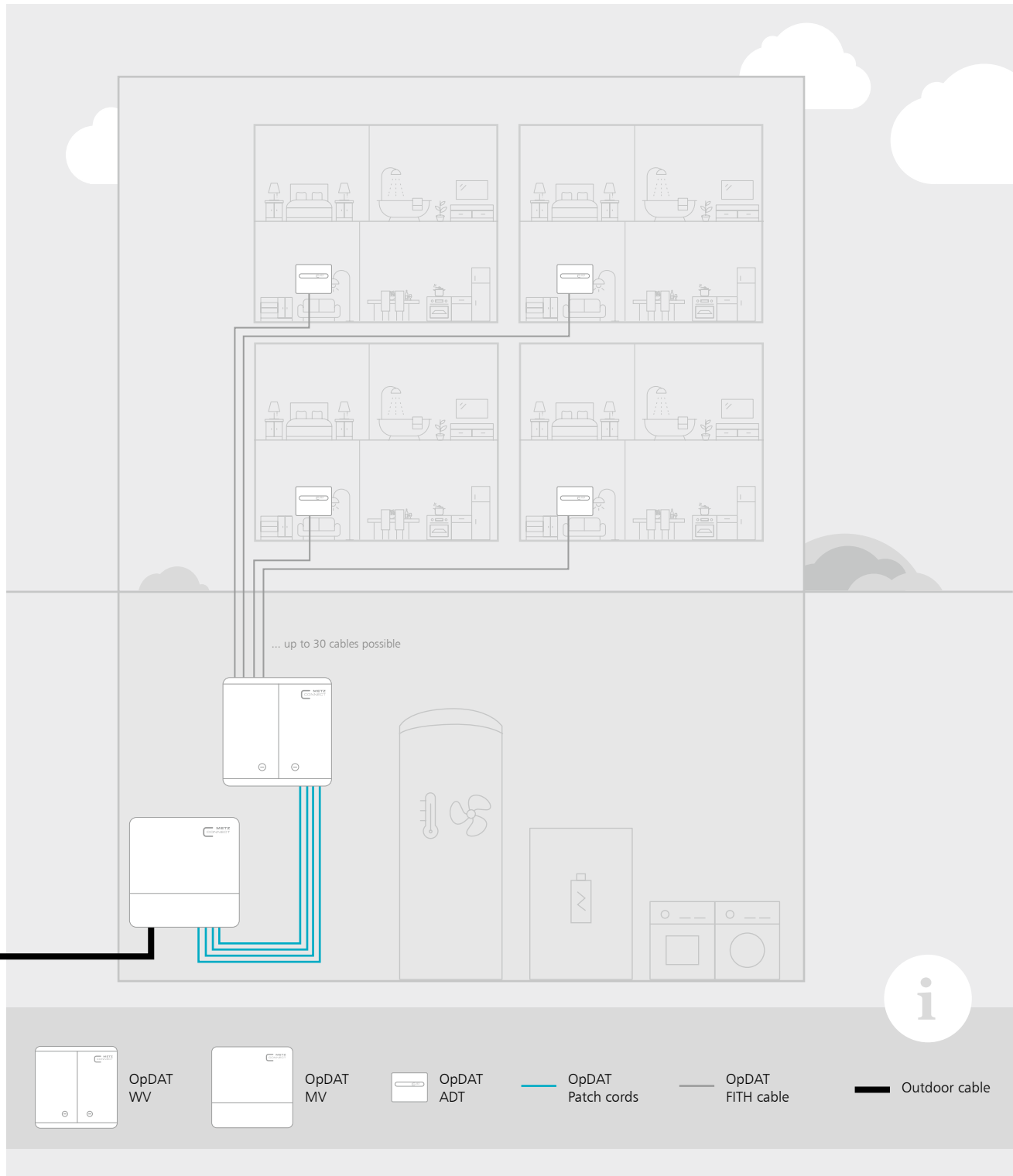
Equipment variants

- > equipped with single circuit splice tray blocks, adapters and pigtails
- > each splice tray block has 6 splice trays
- > each splice tray is equipped with 4 pigtails. The pigtails are placed down ready to splice. Pigtail connectors cleaned and plugged into adapters, assignment according to color code IEC 60304
- > Included in delivery contents:
 - > cable infeed brush strip
 - > 3x stackable strain reliefs each for up to 12 cables
 - > foam cable infeeds for patch cords
 - > mounting set for wall mounting

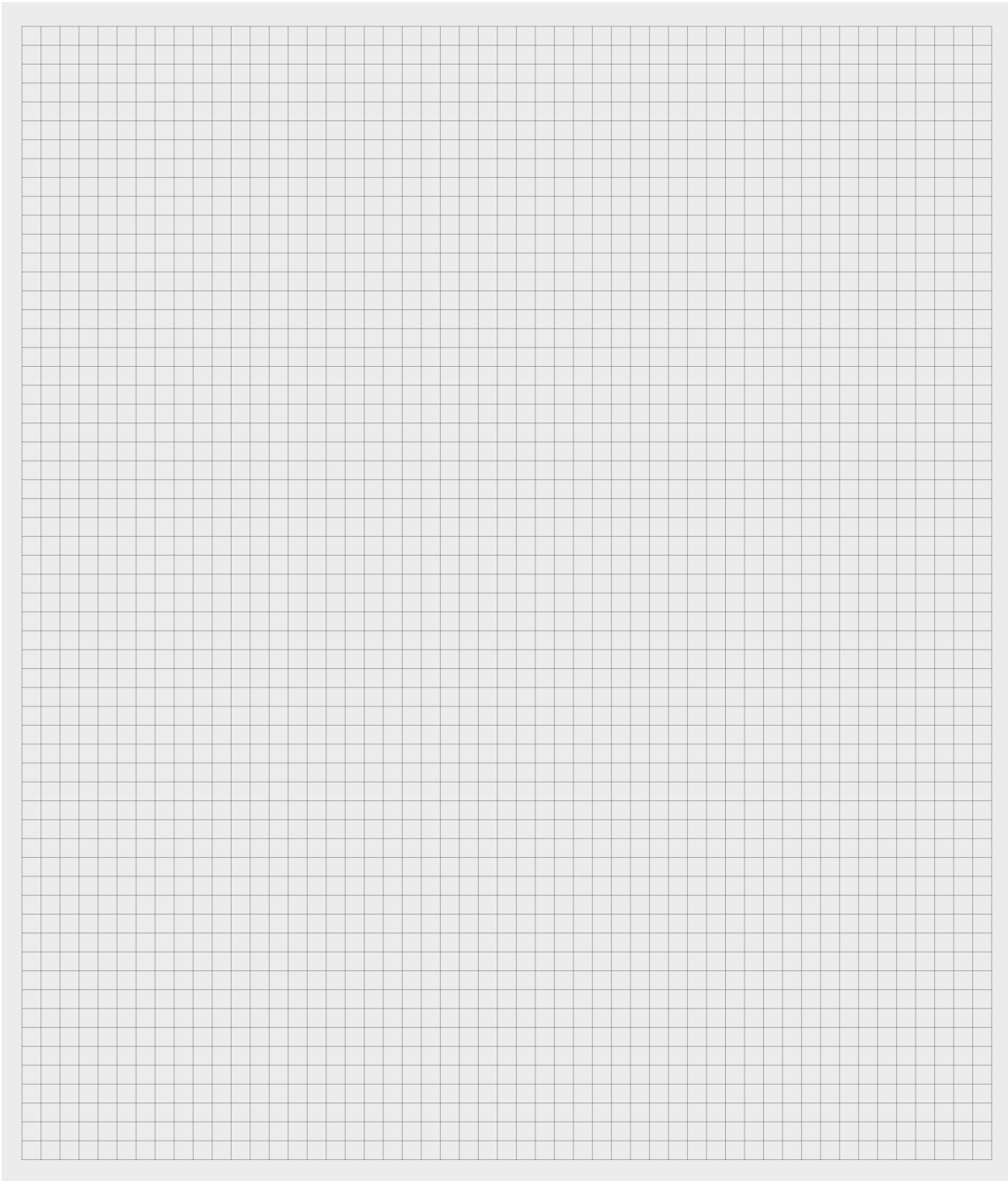


Application example

Multi-family dwelling with individual ADTs in the apartments



Notes




Accessories OpDAT WV

Cable infeeds






VIK mount

Plate for mounting pre-assembled cables. The cable dividers for the cables can be quickly and easily hung into the cut-outs provided.

	SIZE	DESCRIPTION	P/N
	S	For 2 VIK retainer plates	15032Z004-E
	M	For 3 VIK retainer plates	15033Z004-E



For cable glands

Plate with various cut-outs for mounting cable glands.

SIZE		DESCRIPTION	P/N
S		2x M20	15032Z001-E
		1x M25	15032Z003-E
M		4x M20	15033Z001-E
		2x M20 + 2x M25	15033Z002-E
		3x M25	15033Z003-E




Foam

Foam inlay for patch cords

	SIZE	P/N
	S	15032Z005-E
	M	15033Z005-E

Brush strip

Brush strip with strain relief for single cables

	SIZE	P/N
	S	15032Z006-E
	M	15033Z006-E
	M (without strain relief)	15033Z007-E

Splice trays


Stackable trays

Stackable splice trays for the splice, VIK and FITH variant The trays offer space for 12 crimp or shrink splices.

	DESCRIPTION	P/N
	OpDAT splice tray	1509010302-E
	OpDAT cover for splice tray	15090200-E

Single circuit trays


Splice tray block with 6 individual splice trays, each for 12 crimp splices. This tray block is an optional extension of the multi-family dwelling variant.

	DESCRIPTION	P/N
	Splice tray block for 6x12 crimp splices	15036Z0201-E

Rotary bolt

OpDAT WV rotary bolt

Rotary bolt for simple access the wall-mounted distributors. Suitable for OpDAT wall-mounted distributor sizes S and M. Included in delivery: 2 rotary bolts.

	DESCRIPTION	P/N
	OpDAT WV rotary bolt	15032Z089-E

Wall-mounted distributor order information – variant splice

Size S

FIBER TYPE	COLOR ADAPTER	ADAPTER TYPE	NUMBER ADAPTERS	NUMBER PIGTAILS	P/N
OM3	aqua	LC duplex	6	12	1503257706-E
			12	24	1503257712-E
			24	48	1503257724-E
		SC duplex	6	12	150325BA06-E
			12	24	150325BA12-E
			24	48	150325BA24-E
OM4	violet	LC duplex	6	12	1503277506-E
			12	24	1503277512-E
			24	48	1503277524-E
		SC duplex	6	12	150327BB06-E
			12	24	150327BB12-E
			24	48	150327BB24-E
OM5	lime green	LC duplex	6	12	1503287M06-E
			12	24	1503287M12-E
			24	48	1503287M24-E
		SC duplex	6	12	150328BM06-E
			12	24	150328BM12-E
			24	48	150328BM24-E
OS2	blue	LC duplex	6	12	1503297406-E
			12	24	1503297412-E
			24	48	1503297424-E
		SC duplex	6	12	150329E206-E
			12	24	150329E212-E
			24	48	150329E224-E
OS2	green	LC duplex APC	6	12	1503297606-E
			12	24	1503297612-E
			24	48	1503297624-E
		SC duplex APC	6	12	150329F206-E
			12	24	150329F212-E
			24	48	150329F224-E
E2000 simplex APC	6	6	1503295906-E		
	12	12	1503295912-E		
	24	24	1503295924-E		

Size M

FIBER TYPE	COLOR ADAPTER	ADAPTER TYPE	NUMBER ADAPTERS	NUMBER PIGTAILS	P/N
OM3	aqua	LC duplex	48	96	1503357748-E
		SC duplex	24	48	150335BA24-E
OM4	violet	LC duplex	48	96	1503377548-E
		SC duplex	24	48	150337BB24-E
OM5	lime green	LC duplex	48	96	1503387M48-E
OS2	blue	LC duplex	48	96	1503397448-E
		SC duplex	24	48	150339E224-E
	green	LC duplex APC	48	96	1503397648-E
		SC duplex APC	24	48	150339F224-E
		E2000 simplex APC	48	48	1503395948-E

Wall-mounted distributor order information – variant VIK

Size S

COLOR ADAPTER	ADAPTER TYPE	NUMBER OF ADAPTERS	NUMBER OF PIGTAILS	P/N
aqua	LC duplex	6	12	1503207706-E
		12	24	1503207712-E
		24	48	1503207724-E
	SC duplex	6	12	150320BA06-E
		12	24	150320BA12-E
		24	48	150320BA24-E
violet	LC duplex	6	12	1503207506-E
		12	24	1503207512-E
		24	48	1503207524-E
	SC duplex	6	12	150320BB06-E
		12	24	150320BB12-E
		24	48	150320BB24-E
lime green	LC duplex	6	12	1503207M06-E
		12	24	1503207M12-E
		24	48	1503207M24-E
	SC duplex	6	12	150320BM06-E
		12	24	150320BM12-E
		24	48	150320BM24-E
blue	LC duplex	6	12	1503207406-E
		12	24	1503207412-E
		24	48	1503207424-E
	SC duplex	6	12	150320E206-E
		12	24	150320E212-E
		24	48	150320E224-E
green	LC duplex APC	6	12	1503207606-E
		12	24	1503207612-E
		24	48	1503207624-E
	SC duplex APC	6	12	150320F206-E
		12	24	150320F212-E
		24	48	150320F224-E
	E2000 simplex APC	6	6	1503205906-E
		12	12	1503205912-E
		24	24	1503205924-E

Size M

COLOR ADAPTER	ADAPTER TYPE	NUMBER OF ADAPTERS	NUMBER PIGTAILS	P/N
aqua	LC duplex	48	96	1503307748-E
	SC duplex	24	48	150330BA24-E
violet	LC duplex	48	96	1503307548-E
	SC duplex	24	48	150330BB24-E
lime green	LC duplex	48	96	1503307M48-E
blue	LC duplex	48	96	1503307448-E
	SC duplex	24	48	150330E224-E
green	LC duplex APC	48	96	1503307648-E
	SC duplex APC	24	48	150330F224-E
	E2000 simplex APC	48	48	1503305948-E

Further variants on request.

Make use of our configurator to configure the required patch cords and VIKs, which you can find on our website at www.metz-connect.com.

You can configure the cables according to your individual needs and order them directly.



Order information – wall-mounted distributor B

Adapter type	APARTMENT SIDE			CONNECTION SIDE		ARTICLE NUMBER
	Number of splice trays	Number of pigtails	Number of adapters	Number of pigtails	Number of splice trays	
LC-D APC (green)	1	4	6	4		150349760611-E
	2	8	6	8	1	150349760621-E
	3	12	6	12		150349760631-E
	4	16	12	16		150349761242-E
	5	20	12	20	2	150349761252-E
	6	24	12	24		150349761262-E
LC-D UPC (blue)	1	4	6	4		150349740611-E
	2	8	6	8	1	150349740621-E
	3	12	6	12		150349740631-E
	4	16	12	16		150349741242-E
	5	20	12	20	2	150349741252-E
	6	24	12	24		150349741262-E
SC-D APC (green)	1	4	6	4		150349F20611-E
	2	8	6	8	1	150349F20621-E
	3	12	6	12		150349F20631-E
	4	16	12	16		150349F21242-E
	5	20	12	20	2	150349F21252-E
	6	24	12	24		150349F21262-E
SC-D UPC (blue)	1	4	6	4		150349E20611-E
	2	8	6	8	1	150349E20621-E
	3	12	6	12		150349E20631-E
	4	16	12	16		130349E21242-E
	5	20	12	20	2	150349E21252-E
	6	24	12	24		150349E21262-E

Order information – wall-mounted distributor multi-family dwelling

ADAPTER TYPE	APARTMENT UNITS	NUMBER OF PIGTAILS	ARTICLE NUMBER
LC-Q APC (green)	6	24	1503397A06-C
	12	48	1503397A12-C
	18	72	1503397A18-C
	24	96	1503397A24-C
	30	120	1503397A30-C

Optional accessories / spare parts

	DESCRIPTION	SUITABLE FOR	ARTICLE NUMBER
Cable infeeds	For 2x VIK retainer plates	Size S	15032Z004-E
	For 3x VIK retainer plates	Size M	15033Z004-E
	2x M20	Size S	15032Z001-E
	1x M25	Size S	15032Z003-E
	4xM20	Size M	15033Z001-E
	2xM20 + 2x M25	Size M	15033Z002-E
	3x M25	Size M	15033Z003-E
	Foam inlay	Size S	15032Z005-E
	Foam inlay	Size M	15033Z005-E
	Brush strip for single cable	Size S	15032Z006-E
	Brush strip for single cable	Size M	15033Z007-E
Splice trays	OpDAT splice tray	Variant: VIK, splice, FITH	1509010302-E
	OpDAT cover for splice tray	Variant: VIK, splice, FITH	15090200-E
	Splice tray block for 6x12 crimp splices	Variant: multi-family dwelling	15036Z0201-E
Optional accessories	Cable gland M20	Clamping range 7-12 mm	150811M20-E
	Cable gland M25	Clamping range 10-16 mm	150811M25-E
	Crimp splice protection		15090401-E
	Shrink splice protection		15090402-I

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