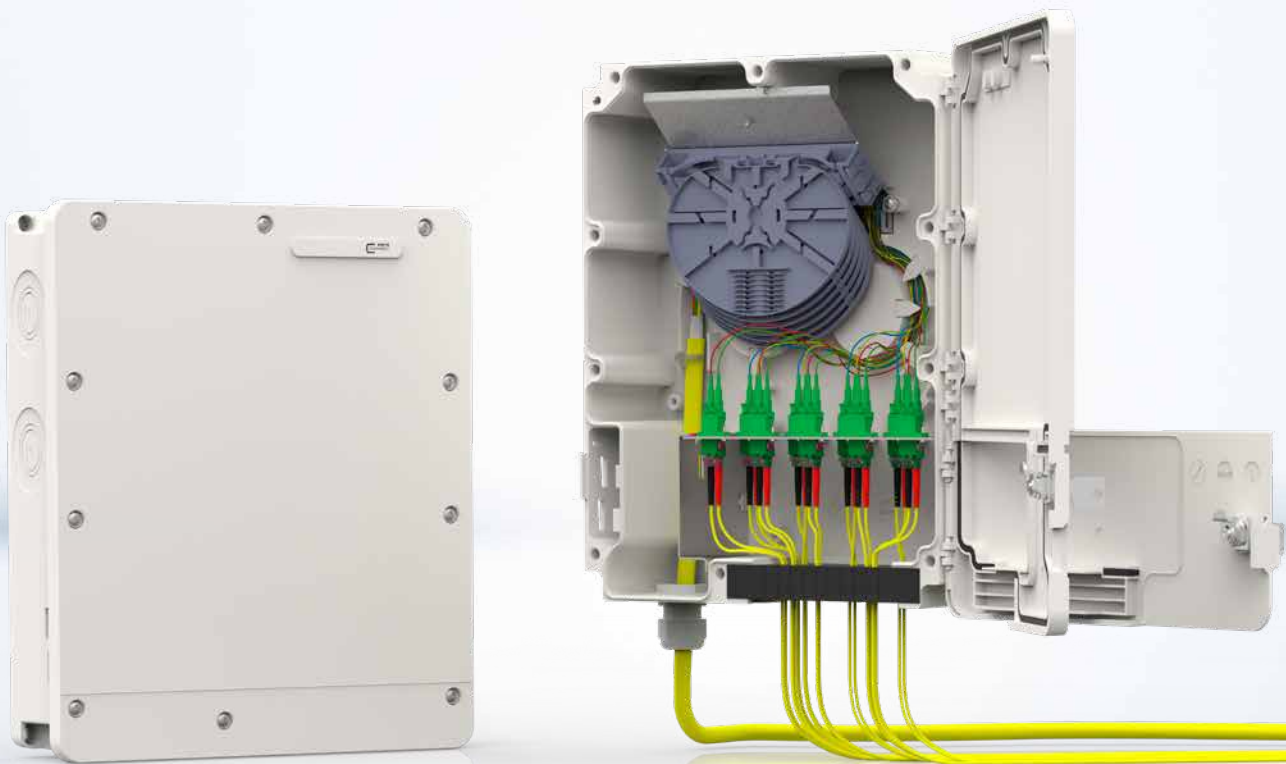
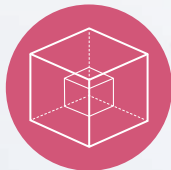


# OpDAT MV – Multifunctional distributor

## Designed for your application



Stackable



Compact design



Protection classes



Lockable



High capacity

## OpDAT MV – Multifunctional distributor



### Product specification

The OpDAT MV is a highly flexible distributor housing for fiber optic and copper applications, which can be equipped with its modular components to suit your individual needs. The **IP54 variant** of the lightweight plastic housing has 2 separately lockable doors which allow to separate the installer area from the customer area without affecting the flexibility of the further distribution. The **IP65 variant** has a screw-on cover that provides a high level of protection against dust and water, allowing it to be used in harsher environments.

### Properties

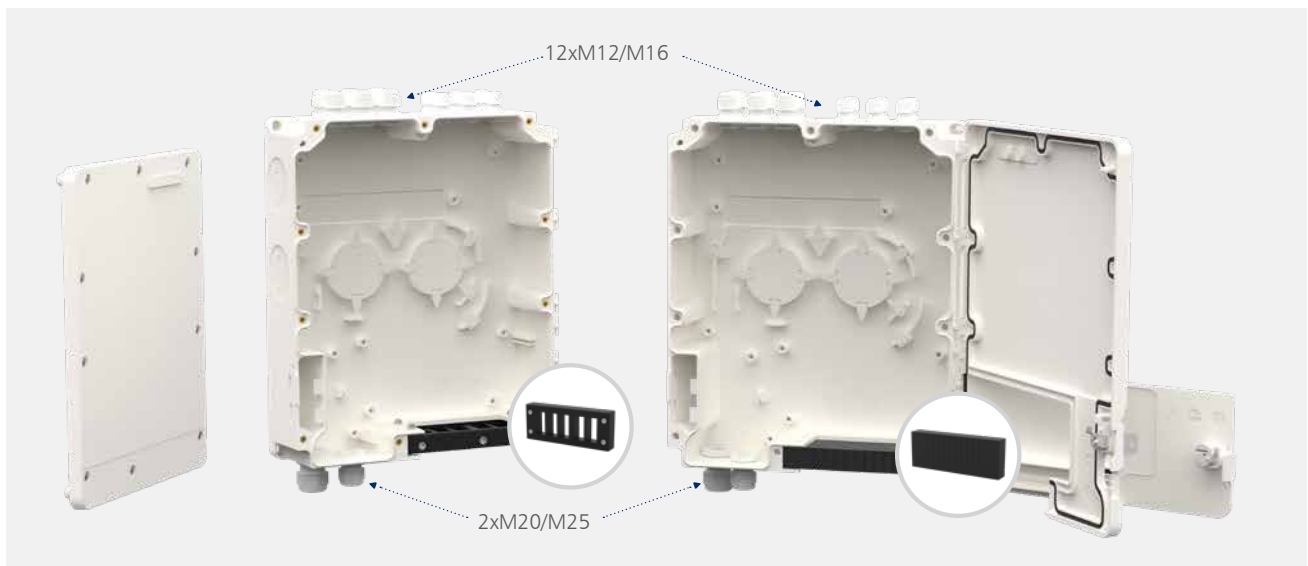
- › Up to 18 fiber optic connectors or 12 module slots
- › Alternative: Perforated sheet for flexible equipment
- › Stackable housings for more capacity
- › Single circuit cassettes for crimp or shrink splices
- › Space for up to 144 splices
- › 12x M12/M16 and 2x M20/M25 cable inputs
- › Variable cable outputs for patch cables with different diameters
- › IP54 version sealable and with two separate lockable doors
- › IP65 variant for harsh environments
- › Mounting option for gas blockers and microducts
- › Strain relief for incoming and outgoing cables
- › Elegant design from METZ CONNECT
- › Plastic housing in white (RAL 9010)
- › Dimensions (W x H x D): 360 x 302.5 x 87.5 mm

## Basic housing

The base of the OpDAT MV is a robust plastic housing with different cable inlets and outlets. Depending on the desired IP protection there are 2 variants of the housing:

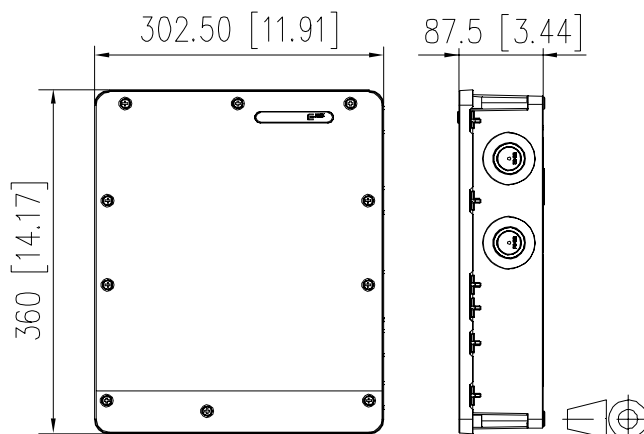
- The **IP54 variant** has 2 separately lockable doors separating the installation side from the customer side. This installer/customer separation protects the installer's work from unauthorized access by third parties, while the end user still has the ability to access the patch panel unhindered. Each IP54 housing is factory-fitted with a slotted foam to protect the outgoing connections from dust.
- The **IP65 variant** has a screw-down cover. This ensures protection against water and dust even in harsher environments. To protect the connectors of the outgoing cables, the IP65 housing is equipped with an ICOTEK® frame, which can be equipped with various inserts.

With the elegant and simple design of METZ CONNECT, the housings fit discreetly into any environment.



Cable glands not included.

## Dimensional drawing



## Equipment variants

The 5 equipment variants provide the basis for the most common applications. The selection of accessories enables you to further adapt these configurations to your application if required. All equipment variants are available in both IP54 and IP65 versions.



### Unequipped

The "unequipped" variant allows free scope for equipping. It contains only the housing without additional fittings. With the help of the accessories, this equipment can be individually designed.

#### Scope of delivery:

- > Housing
- > Mounting kit



### Universal

In this configuration, a perforated plate is already installed. Various components such as boxes or distribution panels can be mounted on it. The maximum height of the mounted parts may not exceed 67 mm.

#### Scope of delivery:

- > Housing
- > Perforated sheet
- > Mounting kit

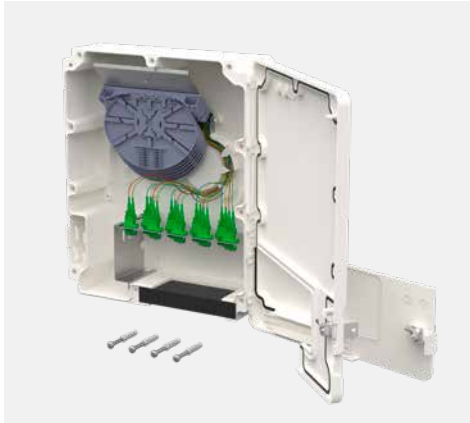


### Hybrid

With the "Hybrid" equipment, both fiber optic and copper installations can be made. The pre-installed patch panel offers space for up to 12 modules, allowing RJ45, COAX or LC-D connections to be combined in one housing. At the outlet, the outgoing cables can be fixed at the strain relief.

#### Scope of delivery:

- > Housing
- > Patch panel "module"
- > Strain relief
- > Mounting kit



## Splice

Prepared for splicing optical fibers, the basic housings with "Splice" equipment already contain splice trays with pre-installed pigtails as well as a patch field with the matching couplings. The pigtails are ready for splicing and placed in the splice trays. The connectors are plugged into the couplings after visual inspection. The splice trays can be selected for both crimp and shrink splice holders.

### Scope of delivery:

- > Housing
- > Patch panel equipped with fiber optic couplings
- > Splice trays
- > Pigtails
- > Mounting kit



## VIK

This equipment is prepared for installation and further distribution of pre-installed FO cables. The basic housing already contains the appropriate patch field equipped with the desired couplings. This means that the incoming cable only has to be laid down and plugged into the couplings.

### Scope of delivery:




- > Housing
- > Patch panel equipped with fiber optic couplings
- > Mounting kit

## Accessories

Modular building blocks allow the housing to be customized as per your instruction.











### Splice trays

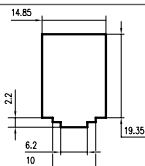
The single circuit splice trays used allow good accessibility and therefore easy installation. The housing provides space for 2 tray blocks for up to 144 splices.

	PRODUCT NAME	FIBER TYPE	P/N
	Splice tray holder	A holder is required to secure the splice trays in the housing. The holder can hold up to 2 tray blocks and provides good accessibility to the individual trays. The mounting is done by simple screwing.	15036Z0200-E
	Splice tray block for 6 x 12 crimp splices	Block with 6 foldable splice trays for up to 12 crimp splices each. The trays can all be removed individually. An integrated fiber guide provides protection and a clear laying of the fibers.	15036Z0201-E
	Splice tray block for 3 x 12 shrink splices	Block with 3 foldable splice trays for up to 12 shrink splices. The trays can all be removed individually. An integrated fiber guide provides protection and a clear laying of the fibers.	15036Z0202-E

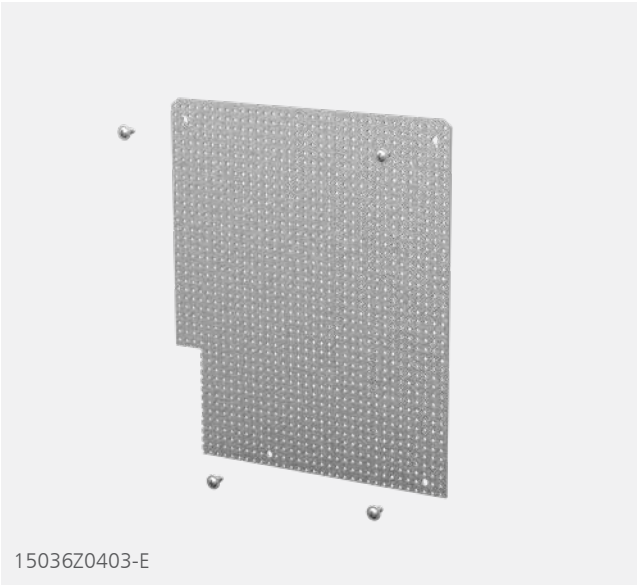
### Patch panels

Patch panels with different installation cut-outs allow the installation of all commercially available fiber optic connectors or copper modules. All patch panels are made of sheet steel and can be quickly and easily retrofitted in the housing with the supplied partition.

	INSTALLATION CUTOUT		CAPACITY	P/N
	LC-D/SC-S/E2000		9	15036Z7300-E
	SC-S/E2000		18	15036Z1B00-E
	E2000-D		9	15036Z5F00-E
	SC-D/ST-D		9	15036ZB200-E
	Modules		12	15036ZRJ00-E



Perforated sheet



The perforated sheet allows various devices or distribution components to be accommodated in the housing. The maximum height of the components may not exceed 67 mm. It is not possible to install the perforated plate and patch panel together.





Connection piece Ø 34 mm



The connector serves as a cable guide of two housings. The robust design allows a safe connection in compliance with the IP protection class.




Cable glands

For mounting and strain relief of all incoming cables you can choose between different cable glands:

	PRODUCT NAME	CLAMPING RANGE	P/N
	Cable gland M25	10-16 mm	150811M25-E
	Cable gland M20	4-13 mm	150811M20-E
	Cable gland M16	4-10 mm	150811M16-E
	Cable gland M12	2-6.5 mm	150811M12-E

## Gasket sets IP65

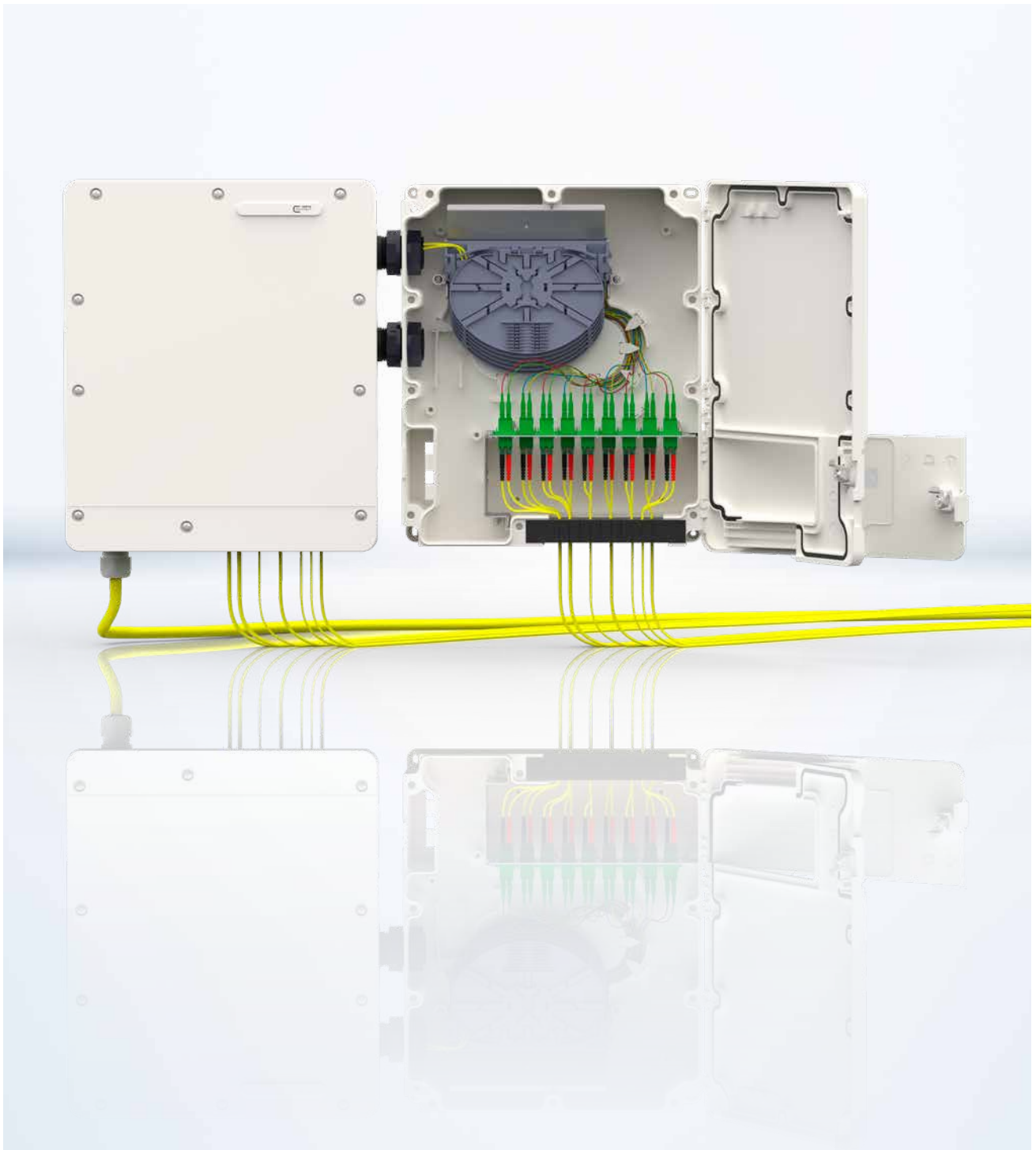
Each IP65 housing is equipped with an ICOTEK® frame. These can be equipped with different inserts depending on the cable type and application. The system makes it possible to route all outgoing cables out of the housing in a dust-proof and water-tight manner. The selected sets cover the most typical applications and cable diameters. If your needs differ, other ICOTEK® components are compatible with the frame.

	PRODUCT NAME	PROPERTIES	SCOPE OF DELIVERY (PER SET)
	Gasket set LWL	This gasket set is perfect for further distribution with fiber optic patch cables. The set allows up to 18x Ø 2-3 mm patch cables to be routed out of the housing.	<ul style="list-style-type: none"> <li>&gt; 9x blind plugs</li> <li>&gt; 1x insert 1x Ø2-3 mm cable</li> <li>&gt; 1x insert 2x Ø2-3 mm cable</li> <li>&gt; 6x insert 4x Ø2-3 mm cable</li> </ul>
	Gasket set FITH	With this gasket set up to 9 minibreakout cables with Ø 4-5 mm can be placed in the frame	<ul style="list-style-type: none"> <li>&gt; 9x blind plugs</li> <li>&gt; 1x inserts for 1x Ø 4-5 mm cable</li> <li>&gt; 4x inserts for 2x Ø 4-5 mm cable</li> </ul>
	Gasket set Copper	With this gasket set up to 12 cables with Ø 7-8 mm can be led out of the housing watertight and dust proof	<ul style="list-style-type: none"> <li>&gt; 9x blind plugs</li> <li>&gt; 1x insert for 1x Ø 7-8 mm cable</li> <li>&gt; 6x insert for 2x Ø 7-8 mm cable</li> </ul>



## Stackable

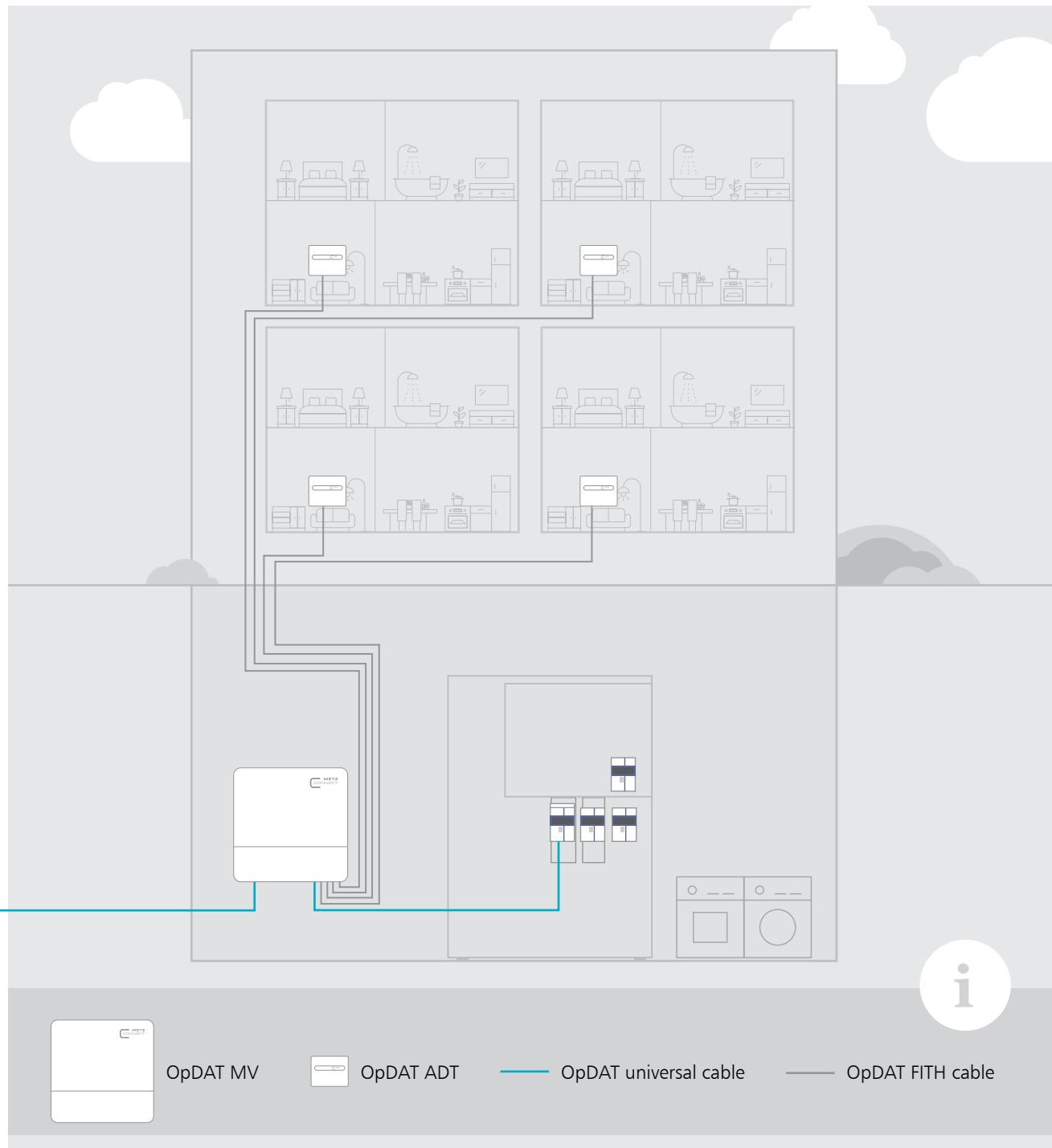
To increase the capacity of the housings, the housings can be lined up and completed with the Ø 34 mm connector.



## Application examples

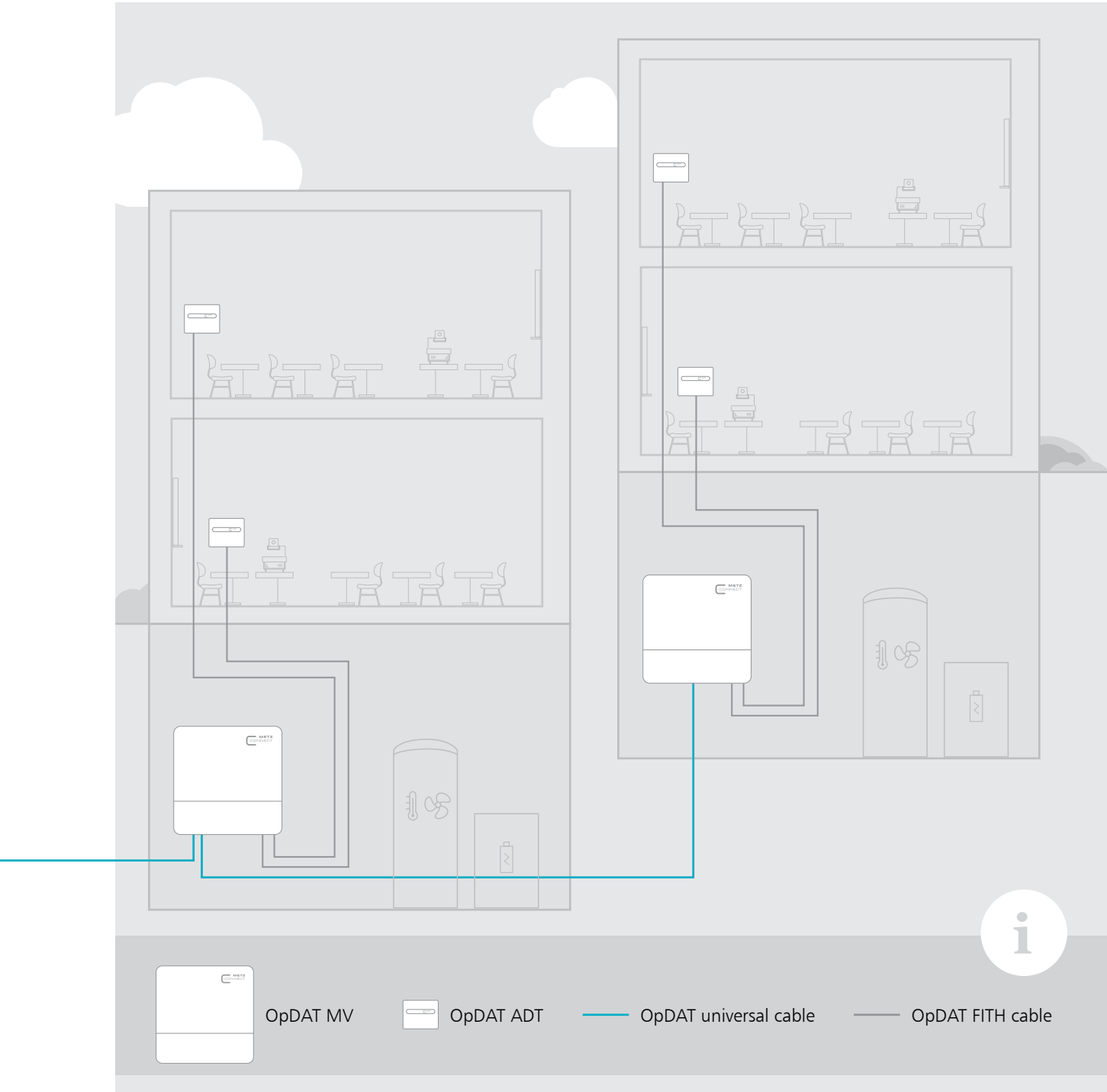
### Multi-family house 4x4+2

The OpDAT MV is perfectly suitable as a distribution cabinet for multi-family dwellings. The patch panels with up to 18 connections allow for the connection of 4 apartments with 4 fibers each and 2 fibers for the monitoring of building services.



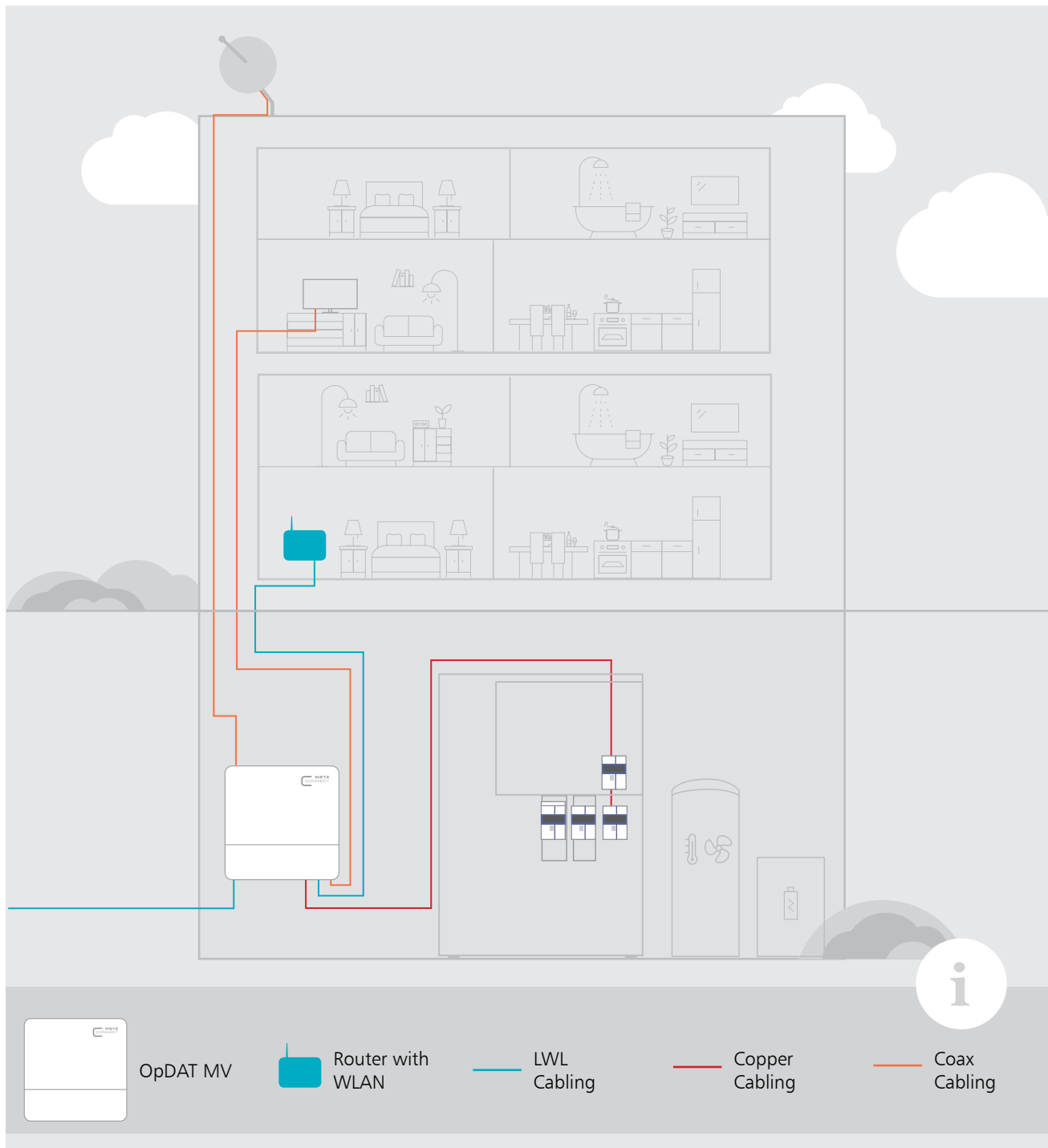
# Campus

With the high capacity of up to 144 fibers, the OpDAT MV allows the fibers needed for one location to be routed to the patch panel and the remaining fibers to be routed to another location, such as another building.



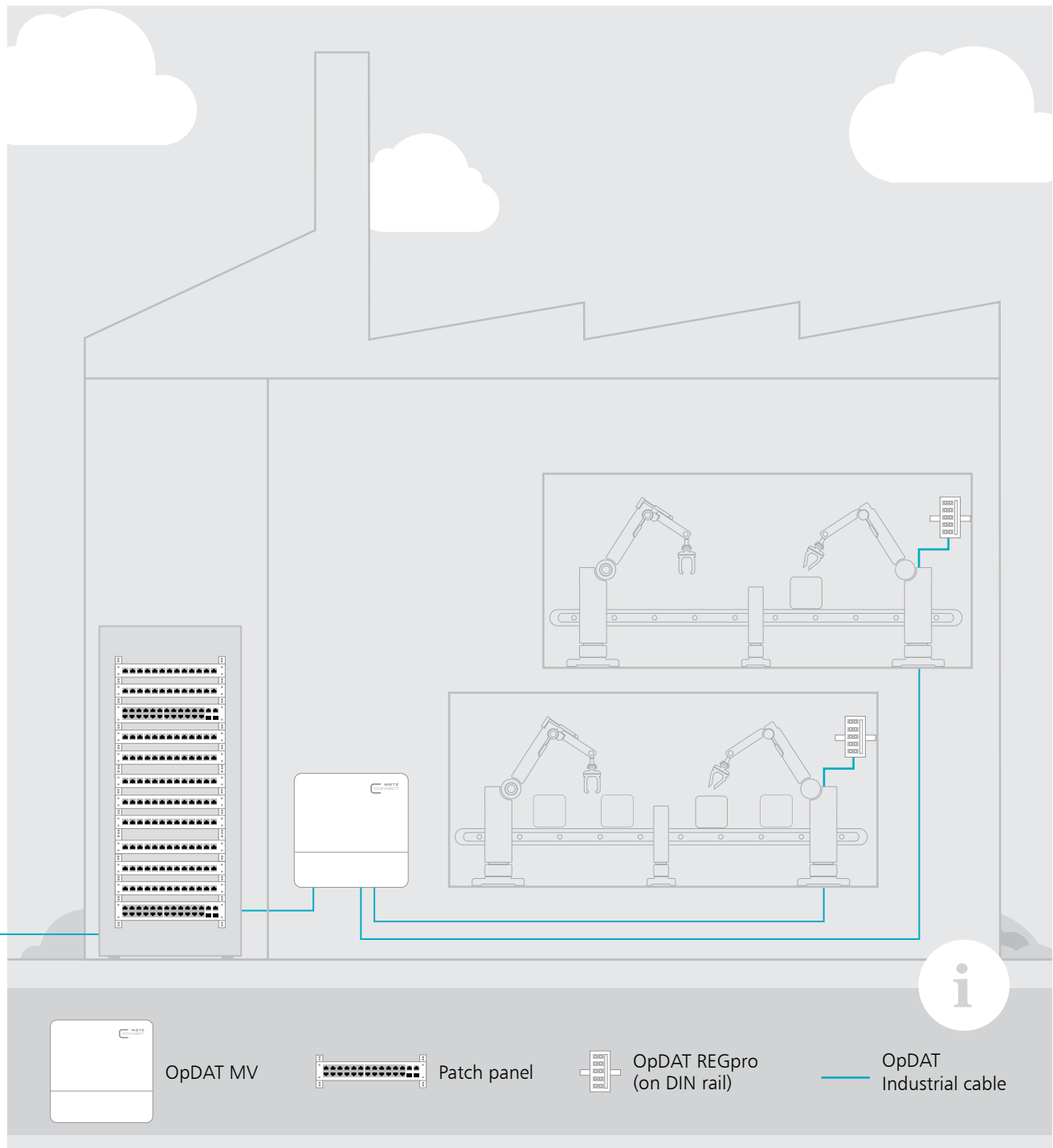
## Multimedia

With the "hybrid" feature, multiple building services can be terminated and redistributed in a single enclosure.



## Industry

With IP65 protection, the OpDAT MV can also be installed in industrial halls as a distribution housing and provide reliable protection against water and dust.



## Ordering information

EQUIPMENT	IP PROTECTION	ADAPTER TYPE	P/N
Unequipped	IP54		15036000000-E
	IP65		15036000000-B
Universal	IP54		1503600LB00-E
	IP65		1503600LB00-B
Hybrid	IP54		1503600RJ00-E
	IP65		1503600RJ00-B
Splice	IP54	9x LC-D APC OS2	15036C97609-E
	IP65	9x LC-D APC OS2	15036C97609-B
	IP54	9x LC-D OM4	15036C77509-E
	IP65	9x LC-D OM4	15036C77509-B
	IP54	18x SC-S APC OS2	15036C91A18-E
	IP65	18x SC-S APC OS2	15036C91A18-B
	IP54	18x SC-S OM4	15036C71D18-E
	IP65	18x SC-S OM4	15036C71D18-B
	IP54	9x E2000-D APC OS2	15036C95F09-E
	IP65	9x E2000-D APC OS2	15036C95F09-B
VIK	IP54	9x LC-D APC OS2	15036007609-E
	IP65	9x LC-D APC OS2	15036007609-B
	IP54	9x LC-D OM4	15036007509-E
	IP65	9x LC-D OM4	15036007509-B
	IP54	18x SC-S APC OS2	15036001A18-E
	IP65	18x SC-S APC OS2	15036001A18-B
	IP54	18x SC-S OM4	15036001D18-E
	IP65	18x SC-S OM4	15036001D18-B
	IP54	9x E2000-D APC OS2	15036005F09-E
	IP65	9x E2000-D APC OS2	15036005F09-B

## Accessories

PRODUCT NAME		P/N
OpDAT MV splice tray holder		15036Z0200-E
OpDAT MV splice tray block	6x 12 crimp splice holder	15036Z0201-E
	3x 12 shrink splice holder	15036Z0202-E
OpDAT MV perforated sheet		15036Z0403-E
OpDAT MV connection piece	Ø 34 mm	15036Z0402-E
OpDAT MV patch panel	18x SC-S (unequipped)	15036Z1B00-E
	9x E2000-D (unequipped)	15036Z5F00-E
	9x LC-D/E2000-S (unequipped)	15036Z7300-E
	9x ST-D (unequipped)	15036ZB200-E
	12x module (unequipped)	15036ZRJ00-E
OpDAT MV gasket set (Only for IP65 variants)	LWL 16x Ø 2-3 mm	15036Z0301-S
	Copper 12x Ø 7-8 mm	15036Z0302-S
	FITH 9x Ø 4-5 mm	15036Z0303-S

**METZ CONNECT GmbH**

Im Tal 2  
78176 Blumberg  
Germany

Phone +49 7702 533-0  
Fax +49 7702 533-189

info@metz-connect.com  
www.metz-connect.com

**METZ CONNECT USA Inc.**

200 Tornillo Way  
Tinton Falls, NJ 07712  
USA

Phone +1-732-389-1300  
Fax +1-732-389-9066

**METZ CONNECT France SAS**

28, Rue Schweighaeuser  
67000 Strasbourg  
France

Phone +33 3886 17073  
Fax +33 3886 19473

**METZ CONNECT AUSTRIA GmbH**

c/o German chamber of commerce  
in Austria

Schwarzenbergplatz 5, Top 3/1  
1030 Vienna  
Austria

Phone +43 1 227 12 64  
Fax +43 1 227 12 66

**METZ CONNECT Zhongshan Ltd.**

Ping Chang Road  
Ping Pu Industrial Park  
Sanxiang Town  
Zhongshan City, 528463  
Guangdong Province  
China

Phone +86 760 86365 055  
Fax +86 760 86365 050

**METZ CONNECT Asia Pacific Ltd.**

Suite 1803, 18/F  
Chinachem Hollywood Centre,  
1 Hollywood Road, Central  
Hong Kong

Phone +852 26 027 300  
Fax +852 27 257 522

