EXAMPLES

Offices / Open space

... VDI solutions installed on 3 types of site.

Real examples starting with extracts from the Special Technical Specifications and ending with equipment lists.
You can use these 3 examples as a basis for similar installations.

Offices / Open space
P. 58

Hotel
P. 64

H Healthcare establishment
P. 70

DESCRIPTION

Offices equipped with 63 x RJ 45 sockets, 28 for telephone and 35 for data.
Configuration on a single floor.
Wi-Fi access for sharing the network.

REQUIREMENTS AND SOLUTIONS
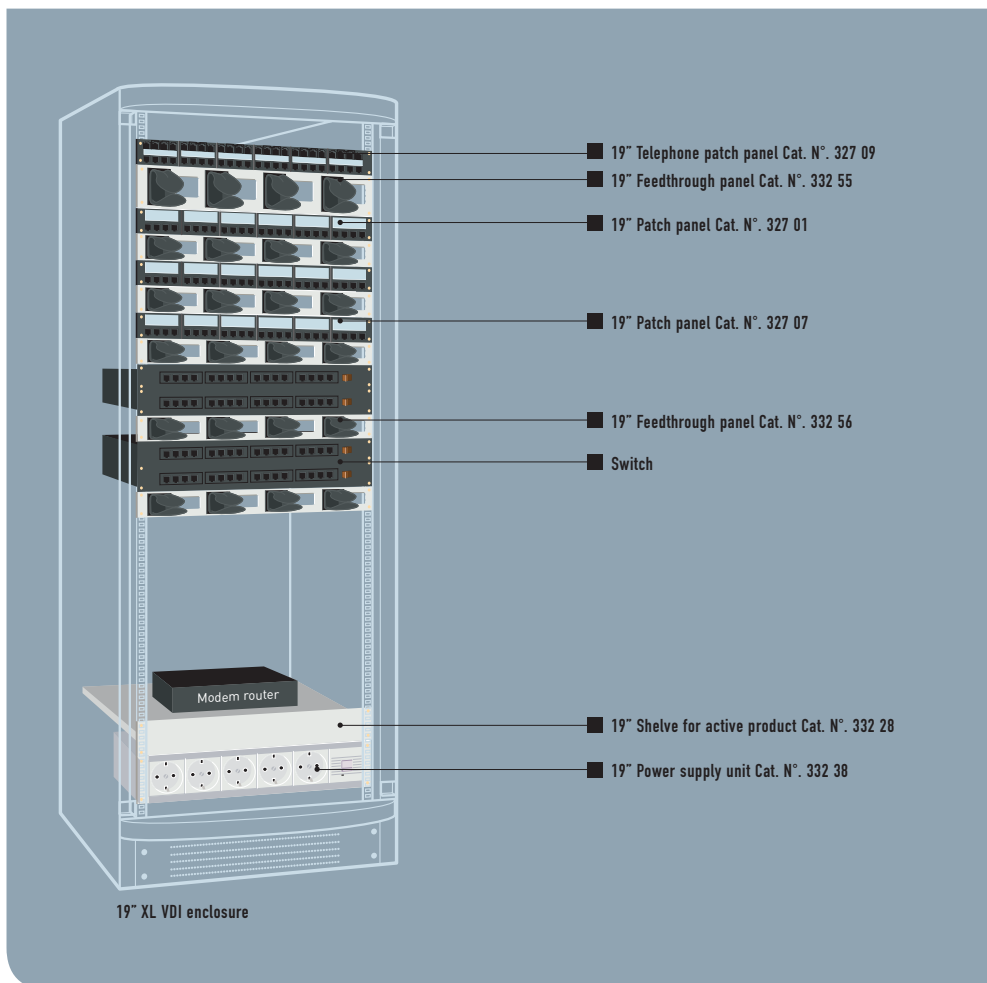
STRUCTURED WIRING

- Standard speed requirements: horizontal wiring FTP category 6
- High requirements for proximity and adaptability of workstations: Mosaic wiring accessories installed on columns and installation of area distribution boxes in raised floor
- Requirement for wireless network access for some workstations: Wi-Fi access point installed on column.

EQUIPMENT ROOM

- Mixed equipment room
- Houses VDI panel and electrical cabinet.
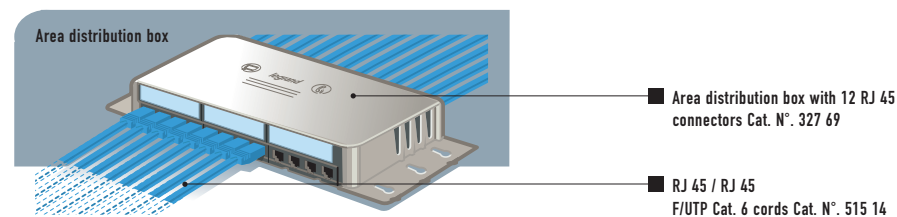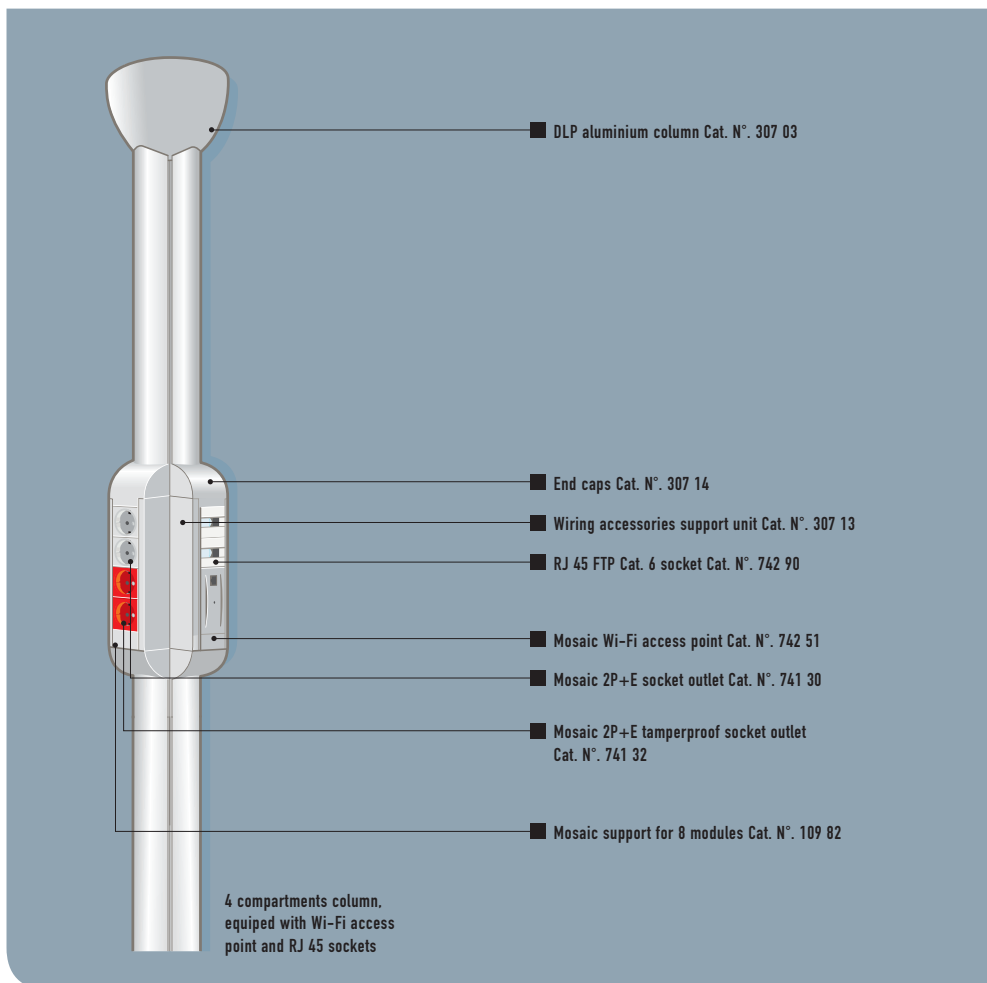
Offices / Open space (continued)

19" XL VDI enclosure

- 19" Telephone patch panel Cat. N°. 327 09
- 19" Feedthrough panel Cat. N°. 332 55
- 19" Patch panel Cat. N°. 327 01
- 19" Patch panel Cat. N°. 327 07
- 19" Feedthrough panel Cat. N°. 332 56
- Switch
- 19" Shelve for active product Cat. N°. 332 28
- 19" Power supply unit Cat. N°. 332 38

Modem router

VDI CABINET

EQUIPMENT

Designation	Cat. N°.	Quantity	Total size
Equipped patch panel for telephone networks (autocom entry)	327 09	1	1 U
Feedthrough panel, 2 axes	332 55	1	2 U
Equipped patch panel 24 RJ 45 FTP Cat. 6	327 01	2	2 U
Patch panel FTP for 24 RJ 45 connectors, to be equipped with:	327 07	1	1 U
- Patch unit 4 RJ 45 FTP Cat. 6 connectors	327 11	4	-
- Power over Ethernet (PoE) injector for Wi-Fi access points	327 17	1	-
- Blanking plate	327 25	1	-
Feedthrough panel, 2 axes	327 56	5	5 U
Switch (direct fixing on 19" uprights)	-	2	4 U
19" shelve for active product (modem router)	332 28	1	1 U
19" power supply unit 6x2P+E sockets + MCB	332 88	1	2 U
		TOTAL EQUIPPED SPACE	**18 U**
		RESERVE (30% TO 50%)	**9 U**

PROPOSED ENCLOSURE

			29 U
19" XL VDI enclosure 29 U 600 x 600 mm	332 20	1	-

ACCESSORIES FOR ENCLOSURE

Designation	Cat. N°.	Quantity	Total size
Plate with 2 fans 230 V	348 19	1	-
Thermostat	348 48	1	-
Wire cable tray	331 28	1	-
Set of 2 cable supports	331 67	1	-

CABLES & PATCH CORDS

Designation	Cat. N°.	Quantity	Total size
Cable Cat. 6 F/UTP 4 pairs	327 56	500 m	-
Cable Cat. 6 F/UTP 2 x 4 pairs	327 76	1 000 m	-
Patch cords Cat. 6 F/UTP 2 m	517 63	63	-
Patch cords Cat. 6 F/UTP 5 m (PC connection)	517 65	63	-

Offices / Open space (continued)

DLP aluminium column Cat. N°. 307 03

End caps Cat. N°. 307 14

Wiring accessories support unit Cat. N°. 307 13

RJ 45 FTP Cat. 6 socket Cat. N°. 742 90

Mosaic Wi-Fi access point Cat. N°. 742 51

Mosaic 2P+E socket outlet Cat. N°. 741 30

Mosaic 2P+E tamperproof socket outlet
Cat. N°. 741 32

Mosaic support for 8 modules Cat. N°. 109 82

4 compartments column,
equiped with Wi-Fi access
point and RJ 45 sockets

Area distribution box

Area distribution box with 12 RJ 45
connectors Cat. N°. 327 69

RJ 45 / RJ 45
F/UTP Cat. 6 cords Cat. N°. 515 14

AREA DISTRIBUTION BOX

Designation	Cat. N°.	Quantity
Area distribution box with 12 RJ 45 FTP Cat. 6 connectors	327 69	6
15 m length cords for area distribution boxes F/UTP Cat. 6, RJ 45 / RJ 45	515 14	63

COLUMN

Designation	Cat. N°.	Quantity
4 compartments column, height 2,7 m equiped with:	307 03*	6
- Wiring accessories unit	307 13*	3 400 mm
- Set of 2 end caps for wiring accessories unit	307 14*	12
- Mosaic support for 8 modules	109 82*	12
- Mosaic German standard 2P+E socket outlet 230V 50/60 Hz	741 30*	12
- Mosaic German standard 2P+E tamperproof socket outlet 230V 50/60 Hz	741 32*	12
- Mosaic Wi-Fi access point	742 51*	6
- Mosaic RJ 45, FTP, Cat.6 sockets	742 90*	12

(*) Detailed catalogue pages: Export Catalogue 2007/2008

The rest of the RJ 45 sockets are installed in fush-mounting boxes.