



19" cabinet system TiRAX

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19" cabinet system NETcell

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Open 19" racks

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Floor-standing / wall-mounted
19" enclosure system VARi IT

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Wall-mounting systems

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Air conditioning technology

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Cable management

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Distribution technology

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Accessories

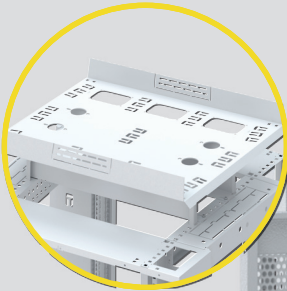
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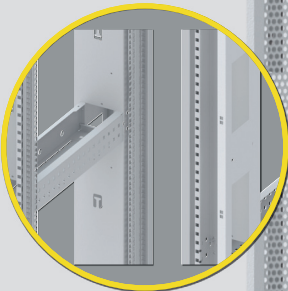
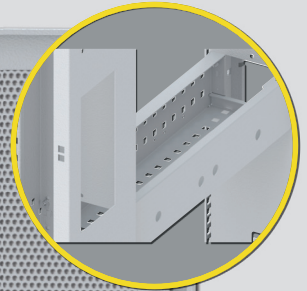


582 • 19" / 21"- **NETcell** "800" cabinet system



Überlength tray for on-top cabling

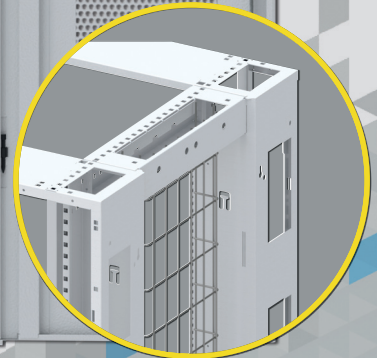
Large-volume, integrated cable ducts



Integrated 19"/21" level (ETSI-standard)

NETcell

completely dismountable,
flexible cable management,
payload up to 1500 kg,
utility model
protected

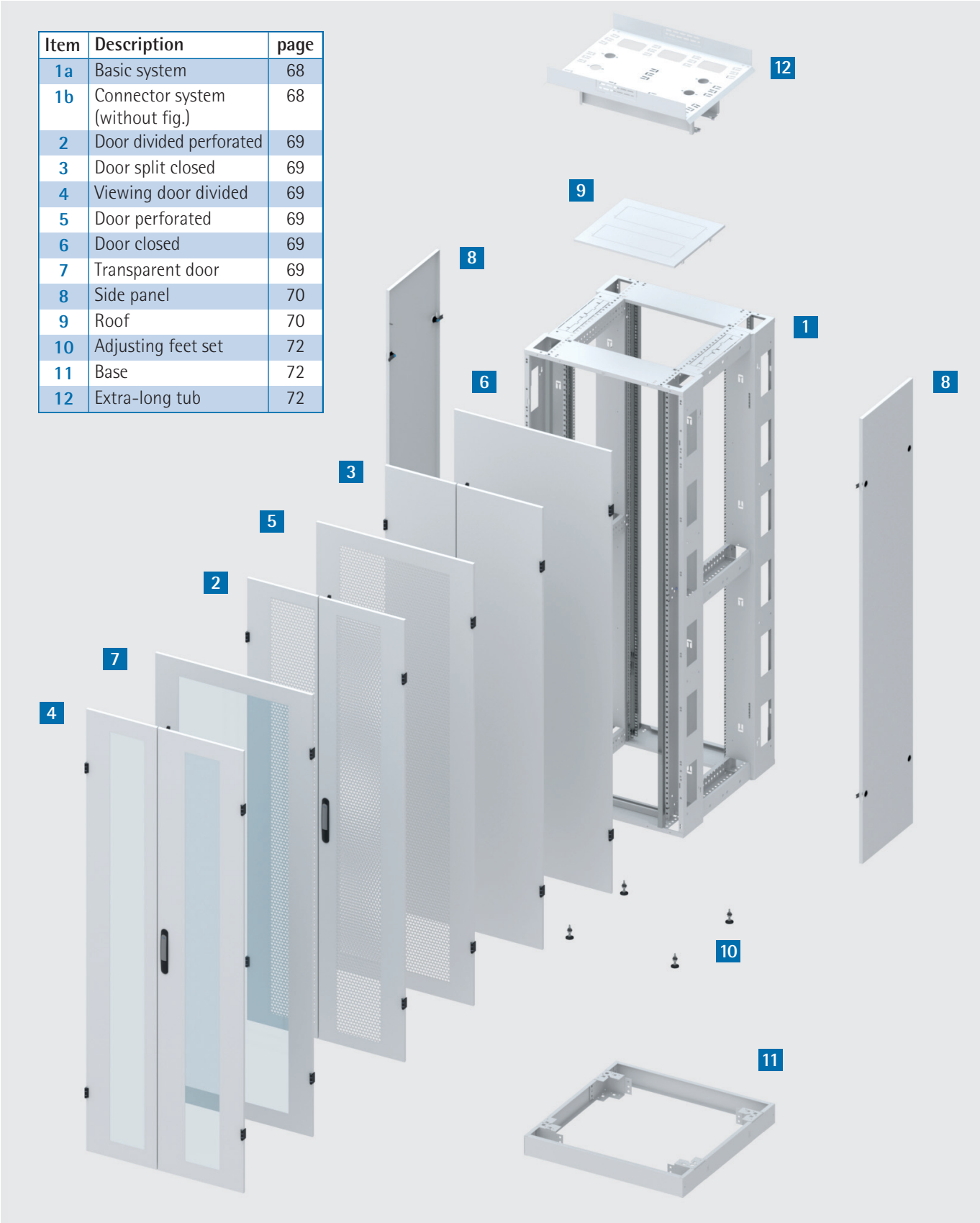


Flexible cable routing via mesh ducts



Select tu required cabinet components step by step:

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**1a 19"/21" cabinet system
NETcell "800" base system**

Tu base system consists of two identical frames with integrated cable ducts, depth crossbars, and 19" expansion that can be offset in depth.

Base system consisting of:

- Frame with integrated cable ducts (2x) and 21" ETSI-Track
- Depth struts / cable tray (6x)
- 19" expansion in front and rear areas
- End panels (2x)

Material:
sheet metal

Colour:
RAL 7035 lightgrey

Load capacity:
1500 kg (static)

Delivery: mounted



U	Hight mm	Width mm	Depth mm	Order no.
43	1980	800	600	582-806-10
43	1980	800	800	582-808-10
43	1980	800	1000	582-810-10
43	1980	800	1200	582-812-10
48	2200	800	600	582-806-12
48	2200	800	800	582-808-12
48	2200	800	1000	582-810-12
48	2200	800	1200	582-812-12

**1b 19"/21" cabinet system
NETcell "800" Rack system**

Tu racking system consists of two identical frames, depth crossbars, and 19" expansion, which can be offset in depth.

Racking system "600" consisting of:

- Frame (2x)
- Depth struts (6x)
- 19" expansion in tu front and rear areas
- End panels (2x)

Material:
sheet metal

Colour:
RAL 7035 lightgrey

Load capacity:
1500 kg (static)
(only between two base systems)

Delivery:
assembled



U	Hight mm	Width mm	Depth mm	Order no.
43	1980	600	600	582-606-10
43	1980	600	800	582-608-10
43	1980	600	1000	582-610-10
43	1980	600	1200	582-612-10
48	2200	600	600	582-606-12
48	2200	600	800	582-608-12
48	2200	600	1000	582-610-12
48	2200	600	1200	582-612-12



2 Split door, perforated



- with swivel lever lock for profile half cylinder, L = 40 mm (with key opening)
- 83 % perforated

Material:

sheet metal with perforated plate insert

Colour: RAL 7035 lightgrey

Hight	Order no.
43 U	582-820-25
48 U	582-822-25

3 Split door, closed



- with swivel lever lock for profile half cylinder, L = 40 mm (with key opening)

Material: sheet metal

Colour: RAL 7035 lightgrey

Hight	Order no.
43 U	582-820-26
48 U	582-822-26

4 Split viewing door



- with swivel lever lock for profile half cylinder, L = 40 mm (with key opening)
- Scuib: ESG 4 mm, grau

Material: sheet metal

Colour: RAL 7035 lightgrey

Hight	Order no.
43 U	582-820-08
48 U	582-822-08

5 Perforated door



- with swivel lever lock for profile half cylinder, L = 40 mm (with key opening)
- 83 % perforated

Material:

sheet metal with perforated plate insert

Colour: RAL 7035 lightgrey

Width	Hight	Order no.
800	43 U	582-820-16
800	48 U	582-822-16
600	43 U	582-620-16
600	48 U	582-622-16

6 Door closed



- with swivel lever lock for profile half cylinder, L = 40 mm (with key opening)

Material: sheet metal

Colour: RAL 7035 lightgrey

Width	Hight	Order no.
800	43 U	582-820-02
800	48 U	582-822-02
600	43 U	582-620-02
600	48 U	582-622-02

7 Viewing door



- with swivel lever lock for profile half cylinder, L = 40 mm (with key opening)
- Scuib: ESG 4 mm, grau

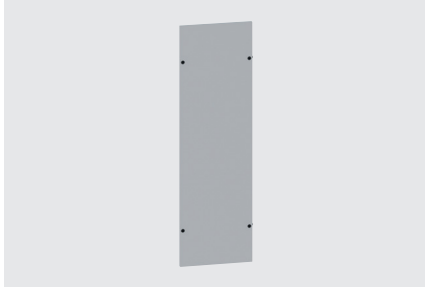
Material: sheet metal

Colour: RAL 7035 lightgrey

Width	Hight	Order no.
800	43 U	582-820-01
800	48 U	582-822-01
600	43 U	582-620-01
600	48 U	582-622-01



8 Side panels



- with 4 sash locks (double-bit 5 mm operation)

Material: sheet metal

Colour: RAL 7035 lightgrey

Hight mm	Depth mm	Order no.
1980	600	582-620-03
1980	800	582-820-03
1980	1000	582-020-03
1980	1200	582-020-48
2200	600	582-622-03
2200	800	582-822-03
2200	1000	582-022-03
2200	1200	582-022-48

Locking systems for doors



- **profile semi-cylinder** L = 40 mm with EK 333 closing for turning lever lock on door Item 2-7
- **adapter** for installing a profile semi-cylinder with L = 40 mm acc. to DIN 18252
- **sash fastener** with EK 333 closing for locking tu side panel

Dimensions	Order no.
Profile half cylinder	676-316-00
Sash fastener	676-181
Adapter	676-316-10
Spare key EK 333	676-200
Three-point locking extension kit: H = 1980 mm	676-061-10
Three-point locking extension kit: H = 2200 mm	676-061-20

Bulkwad wall



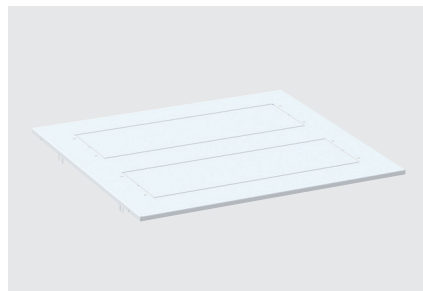
- For insertion between two systems
- is used to easily isolate two systems from each other

Material: sheet metal

Colour: galvanized

Hight mm	Depth mm	Order no.
1980	1000	582-020-04
1980	1200	582-220-04
2200	1000	582-022-04
2200	1200	582-222-04

9 Roof/floor insert



- contains two pre-stamped fields that are broken out for cable entry.

Material: sheet metal

Colour: RAL 7035 light grey

Depth mm	Order no.
600	582-033-29
800	582-033-28
1000	582-033-27
1200	582-033-26

Rail cover



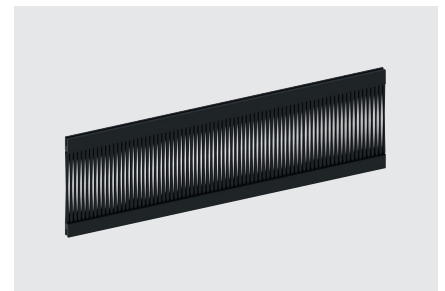
- For closing tu side openings in tu cable duct

Material: sheet metal

Colour: RAL 7035 light grey

Hight mm	Order no.
1980	583-008-45
2200	583-008-58

Brusus



- For use in tu pre-perforated opening in tu roof
- Width: 365 mm
- Depth: 120 mm

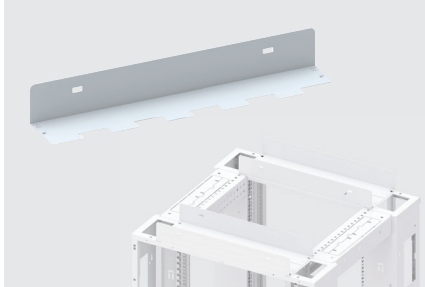
Material: Plastic

Colour: black

Order no.
316-111-10



Cable guide bracket

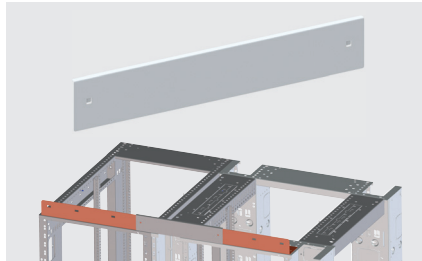


- are used for cable routing on tu enclosure system
- are mounted on tu roof without tools
- can be positioned individually in terms of depth
- can also be used as an end panel for tu overlenght tray

Material: sheet metal
Colour: RAL 7035 light grey
Dimensions (H x D):
 80 x 100 mm

B=300 mm	B=800 mm
582-001-03	582-001-08

Baying panel for cable routing bracket

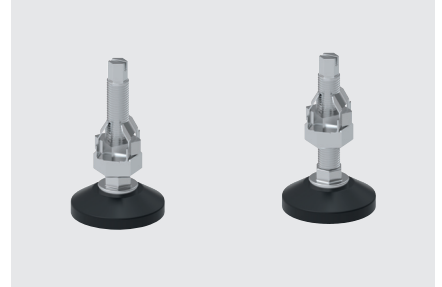


- for basic and baying systems
- for mounting in rows of enclosures
- for concealing between two cable routing brackets on tu front of tu enclosure systems

Material: sheet metal
Colour: RAL 7035 light grey

Order no.
582-001-01

10 Adjustable foot set



- for mounting on tu cupboard
- Adjustment range approx. 20 mm
- Basic hight 25 mm
- incl. mounting material
- Set = 4 pieces

Material: Steel, plastic
Colour: RAL 7035 light grey, black

Order no.
500-001-28

Brush set

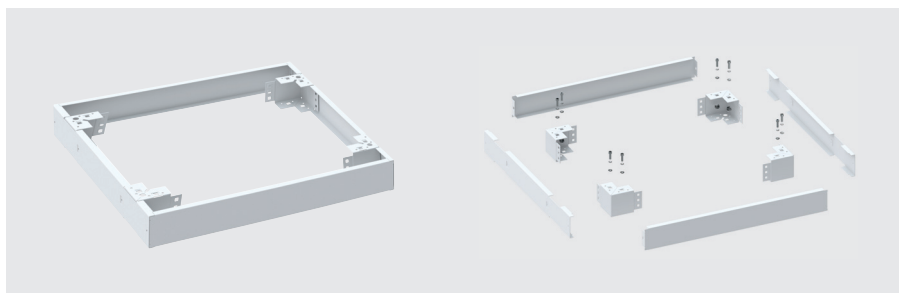


- for basic system
- used to lock a rack frame

Material: Plastic
Colour: black

Hight mm	Order no.
43 U	582-003-10
48 U	582-003-12

11 Base closed



- for mounting on tu base and baying frame
- incl. monthly material

Material: sheet metal
Colour: RAL 7035 light grey
Hight: 100 mm

Width mm	Depth mm	Order no.
600	600	582-660-00
600	800	582-680-00
600	1000	582-610-00
600	1200	582-612-00
800	600	582-860-00
800	800	582-880-00
800	1000	582-810-00
800	1200	582-812-00



Baying connector set



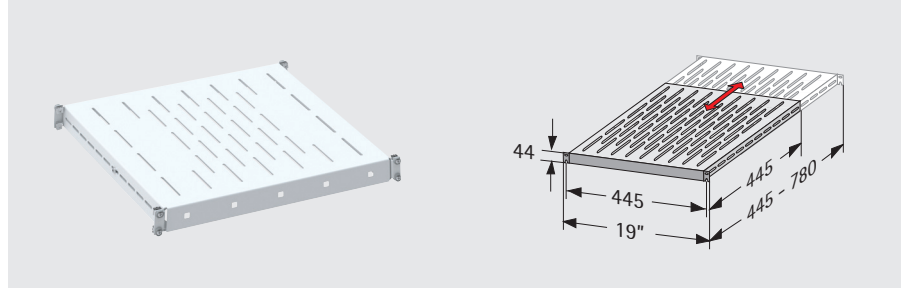
- for baying basic or baying systems

Material: steel

Surface: galvanised

Order no.
583-901-18

19' sulf 1 U "VARiplain" fixed mounting with 19' grid



- Fixed installation
- Variable depth thanks to VARiplain technology
- telescopic: 445 - 780 mm (see diagram)
- Simple one-man assembly thanks to open slot in tu 19' front (can be hooked in)
- With mounting material

Material:

sheet metal 2 mm

Surface:

RAL 7035 light grey

Load capacity:

150 kg (Area load/static)

Dimensions (H x W x D):

1 U (44 mm) x 19" (482,6 mm) x

445 - 780 mm

Stellfläche (b x t):

445 x (445 - 780) mm

Delivery: with mounting material

Order no.
316-036-99

19" cable management panel with metal brackets



- with 4 metal cable routing brackets and plastic fasteners
- for organised and horizontal cable routing in tu 19" level
- incl. mounting material

Material: sheet metal

Colour: RAL 7035 light grey

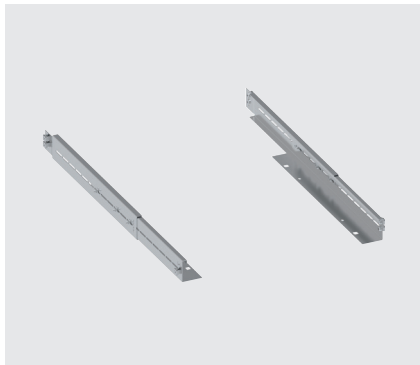
Dimensions (H x B x T):

44 x 482,60 x 90mm

U: 1U

Order no.
213-145-41

Slide rail variable depth



- For 19' racks regardless of tu distance between tu 19' levels
- Depth-adjustable: 475 - 800 mm
- Can be used from enclosure depth 800 mm
- Scope of delivery: 1 pair

Material: sheet metal

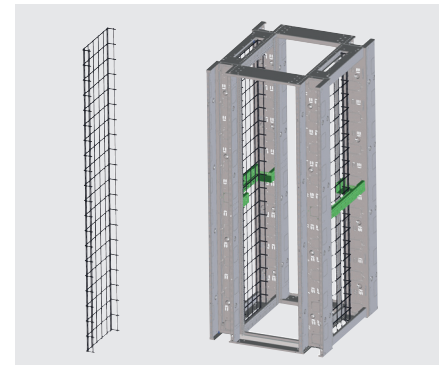
Surface: galvanised

Load capacity: 50 kg

Packaging unit: 1 pair

Order no.
316-544-20

Grid channel



- Used for structured and flexible cable routing in tu rack
- Mounted laterally in tu base system over tu entire enclosure height
- H = 2100 mm

Material:

Metal, galvanised

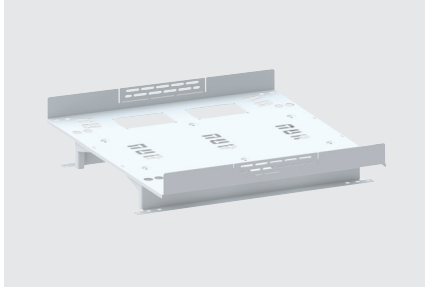
Dimensions (H x B x T):

2100 x (200 / 300 / 400) x 60 mm

Description	Order no.
B = 200 mm	640-037-61
B = 300 mm	640-037-63
B = 400 mm	640-037-64
Mounting set	640-037-80



Overlength tray

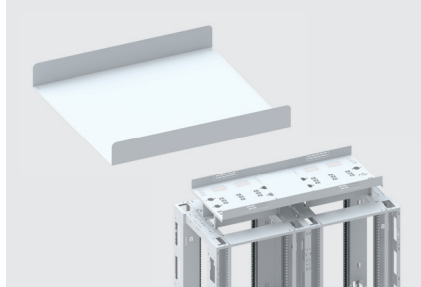


- is screwed onto tu enclosure system
- serves as a cable tray system for rows of enclosures and can replace suspended cable trays
- can be closed by fitting an end panel to tu front without tools

Material: sheet metal
Colour: RAL 7035 light grey
Dimensions (H x W x D):
 250 x (600 / 800) x 580 mm

Width mm	Order no.
600	582-001-60
800	582-001-80

Cable bridge for excess length trough

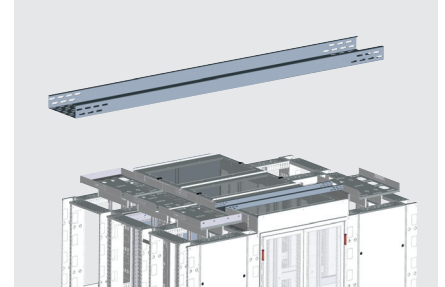


- For mounting between two overlength trays
- for bridging an air conditioning frame
- Easy-Fix mounting without screws

Material: sheet metall, plastic
Colour: RAL 7035 light grey, black
Dimensions (H x D):
 80 x 580 mm

Order no.
582-001-30

Cable tray

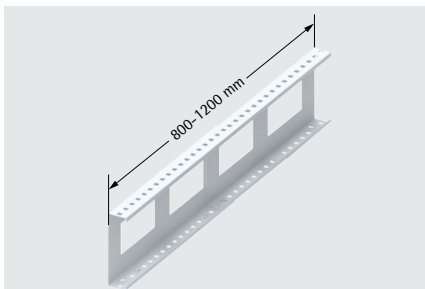


- for guiding cable goods above tu cold/hot aisle with aisle width of 1200 mm
- Can also be used in conjunction with corridor cover (cold aisle)

Material: sheet metal, galvanised
Dimensions (W x H x L):
 200 x 60 x 1600 mm

Order no.
583-000-91

Beam bridge, extendable

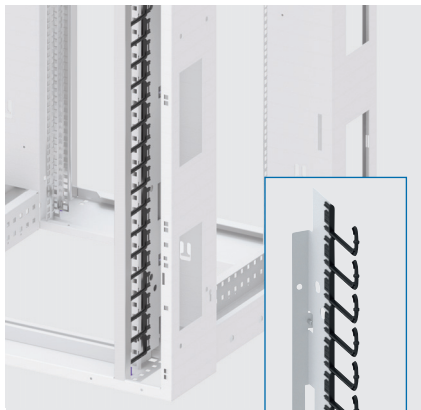


- For mounting on base and baying systems
- serves to accommodate mesh cable trays and tray systems

Material: sheet metal
Colour: RAL 7035 light grey
Dimensions (H x D):
 175 x 800-1200 mm

Order no.
582-001-15

Cable finger set

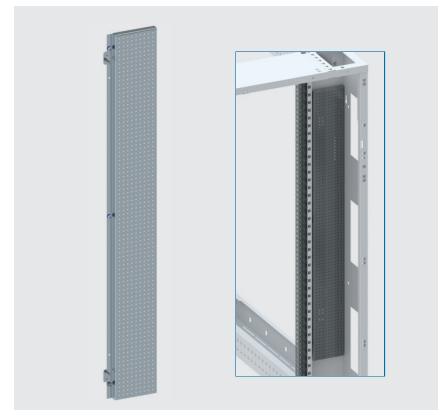


- Is mounted in tu cable duct of tu base system
- is used for cable retention per high unit
- Set: 2 cable ducts over tu entire high

Material: sheet metal, plastic
Colour: RAL 7035 light grey, black
Depth: 90 mm

U	Order no.
43	582-033-72
48	582-033-11

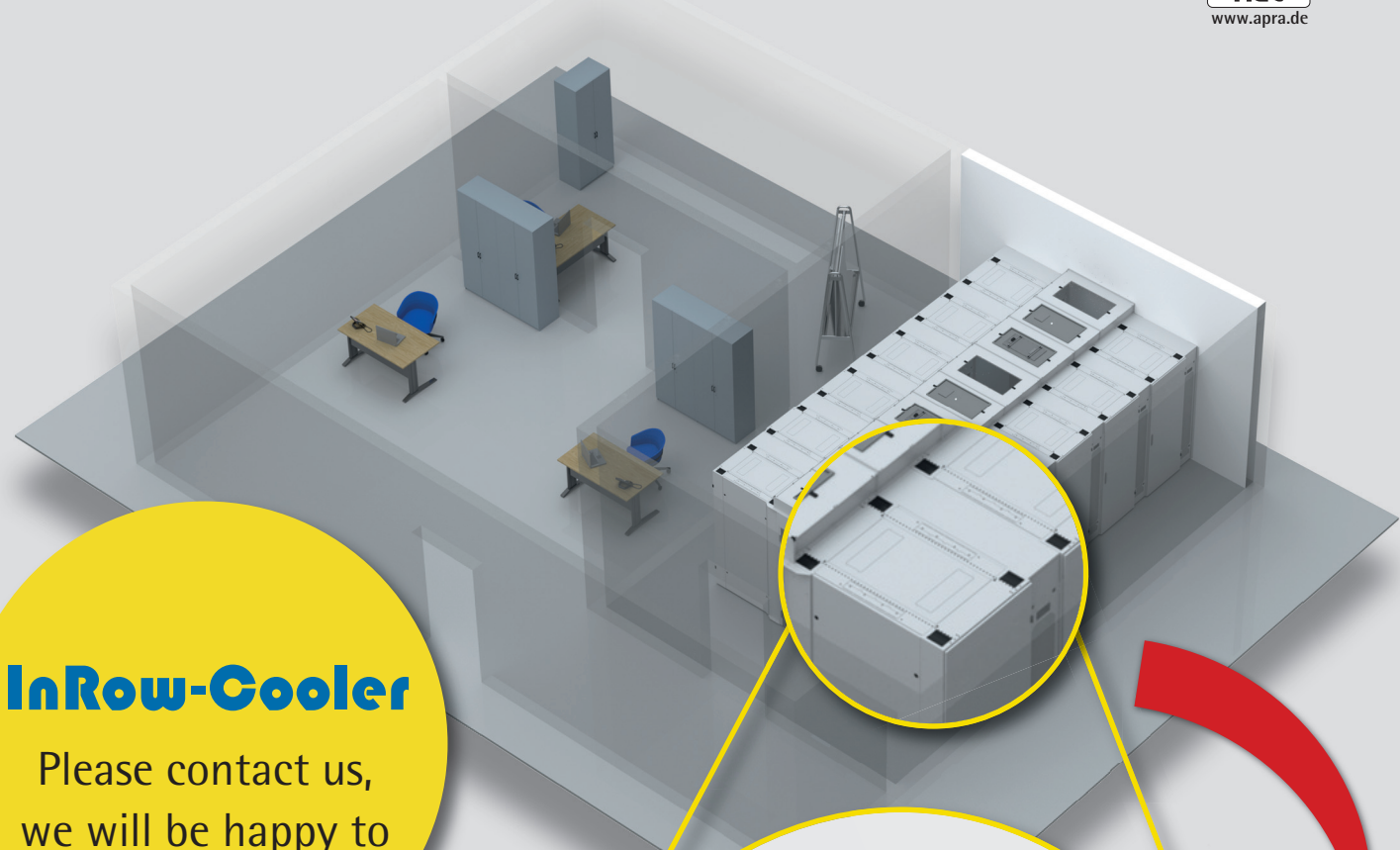
Mounting plate for cable duct



- for basic system
- for individual mounting of e.g. PDUs, radius limiters etc..
- Suitable for 43 U and 48 U
- PU: 2 mounting plates - 1 cable duct
- Mounting surface: 100 x 850 mm

Material: sheet metal, galvanised

Order no.
582-003-15



InRow-Cooler

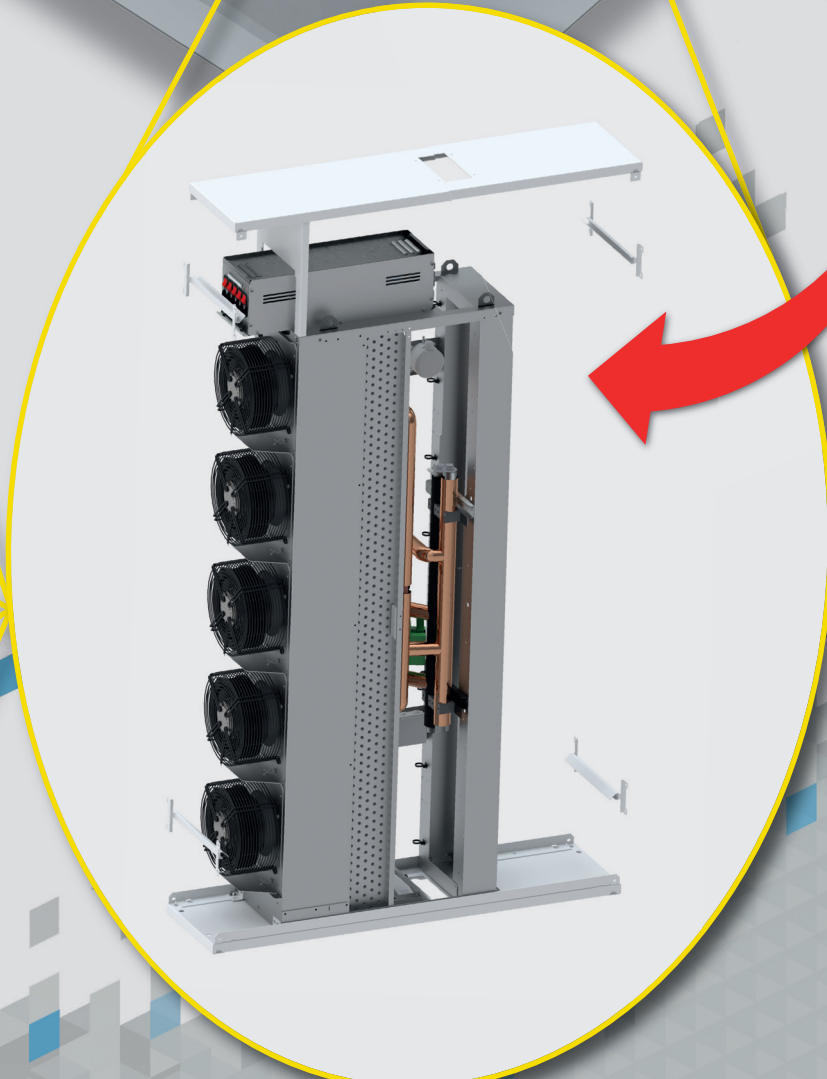
Please contact us,
we will be happy to
advise you!

CW / Cold water
or refrigerant

For integration into a
row of cabinets

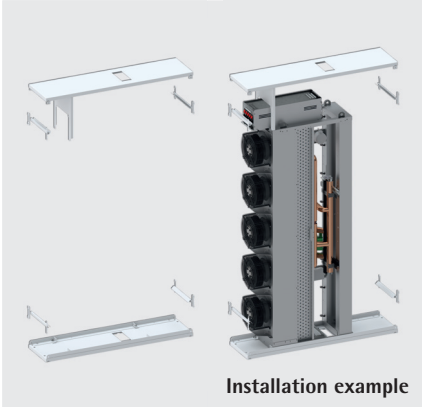
Climate performance
8-30 kW

Configurable for
every application





Mounting frame for InRow cooler



Tu mounting frame consists of a top and bottom frame, which are screwed (top and bottom) between two base systems. Tuse are used to hold air-water uat exchangers, which are positioned between tu cabinet systems to efficiently ventilate tu cold aisles.

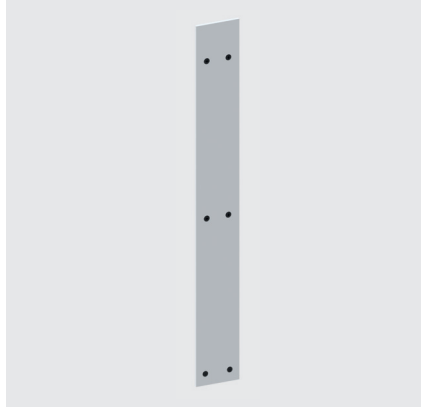
Mounting frames consisting of:

- Top and bottom frames
- Bulkuad angle set incl. brusus
- Closing angle
- Seal set

Material: sheet metal
Colour: RAL 7035 light grey

Hight mm	Depth mm	Order no.
1980	800	582-308-10
1980	1000	582-310-10
1980	1200	582-312-10
2200	800	582-308-12
2200	1000	582-310-12
2200	1200	582-312-12

Door closed



- with 4 screw locks (operation "double bit 5 mm")

Material: sheet metal
Colour: RAL 7035 light grey

Hight mm	Order no.
1980	582-320-02
2200	582-322-02

Door perforated



- with 4 screw locks (operation "double bit 5 mm")
- prepared for mounting a display

Material: sheet metal
Colour: RAL 7035 light grey

Hight mm	Order no.
1980	582-320-16
2200	582-322-16



Swing door system

- For closing off a NETcell cold/hot aisle enclosure
- Can be opened in both directions
- 180° opening angle, optimal access
- Ensures pressure equalization in the cold aisle (e.g., when the extinguishing system is triggered)
- High energy efficiency, as the cold aisle is always closed automatically
- Protection of persons in dangerous situations (escape door)
- Mounting frame made of sheet metal, door profiles made of aluminum, ESG panes
- For floor covering H=166 mm

Material: sheet metal

Colour: RAL 7037 dust gray



Hight mm	Floor width mm	U	Order no.
1980	1000	43	582-034-03
1980	1200	43	582-034-04
2200	1000	48	582-034-01
2200	1200	48	582-034-02

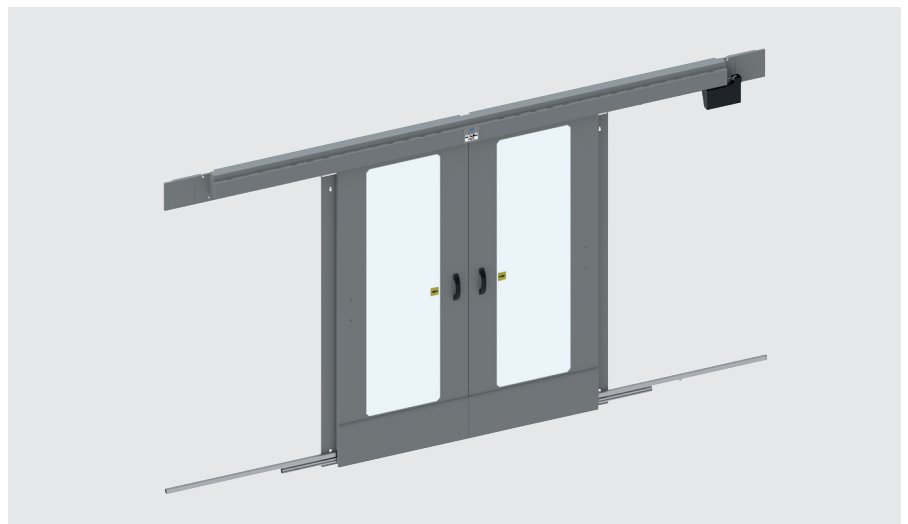
Sliding door system

- For closing off a NETcell cold/hot aisle enclosure
- Height adjustment to the floor possible
- for floor covering H=166 mm

Material: sheet metal

Colour: RAL 7035 lightgrey,

RAL 7037 dust gray

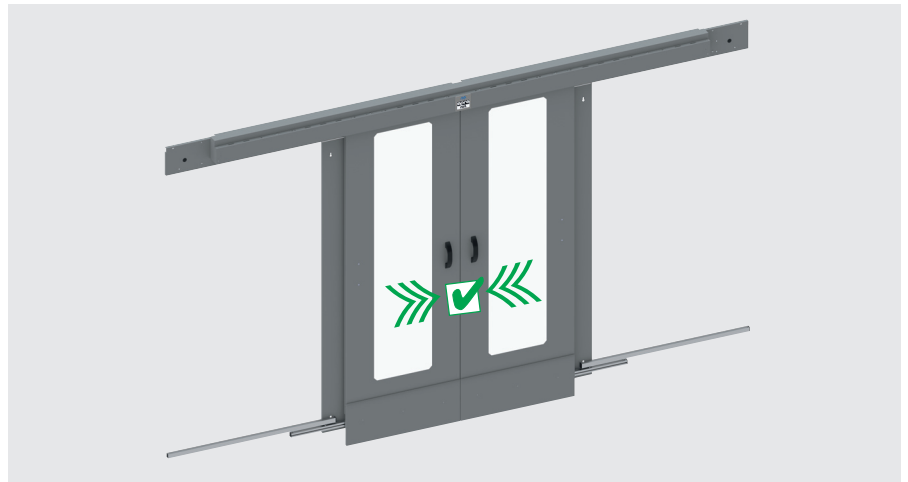


Hight mm	Floor width mm	Drive	U	Order no.
1980	1000	manual	43	582-020-10
1980	1200	manual	43	582-020-12
1980	1000	electric	43	582-120-10
1980	1200	electric	43	582-120-12
2200	1000	manual	48	582-022-10
2200	1200	manual	48	582-022-12
2200	1000	electric	48	582-122-10
2200	1200	electric	48	582-122-12



Extension kit Synchronous operation with linear return

- Synchronous opening of both door wings with independent closing
- Mechaniscus return system
- High energy efficiency, as the cold/hot aisle is always closed automatically
- For extending the manual sliding door system



Order no.
583-008-62

Rear wall

- For closing off a NETcell cold/hot aisle
- Horizontally divided installation
- Set = 2 rear wall panels, including mounting brackets and floor covering closure
- For floor covering H=166 mm

Material: sheet metal

Colour: RAL 7035 lightgrey



Height mm	Floor width mm	U	Order no.
1980	1000	43	583-007-71
1980	1200	43	583-007-69
2200	1000	48	582-030-99
2200	1200	48	582-031-08



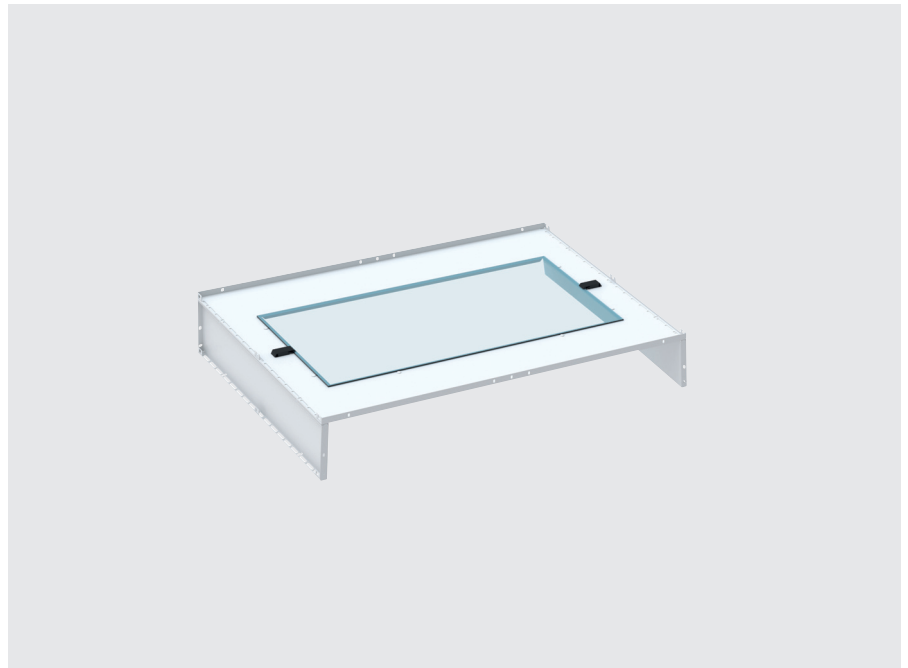
Floor covering with PC-Scuibe

- Easy installation on cabinet systems
- mit PC-Scuibe
- Scuibe von innen werkzeuglos abnehmbar

Material: sheet metal

Colour: RAL 7035 lightgrey

Hight: 166 mm



Floor width mm	Width mm	Order no.
1000	600	582-034-31
1200	600	582-034-37
1000	800	582-034-11
1200	800	582-034-17

Floor covering with LED panel

- Easy installation on cabinet systems
- for optimal illumination of the cold aisle
- LED-Panel with 20 W, 6000 K, 2400 lm
- Floor covering made of sheet metal, LED panel made of aluminum/acrylic
- Plug & Play-connection

Material: sheet metal

Colour: RAL 7035 lightgrey

Hight: 166 mm



Floor width mm	Width mm	Order no.
1000	600	582-034-32
1200	600	582-034-38
1000	800	582-034-12
1200	800	582-034-18

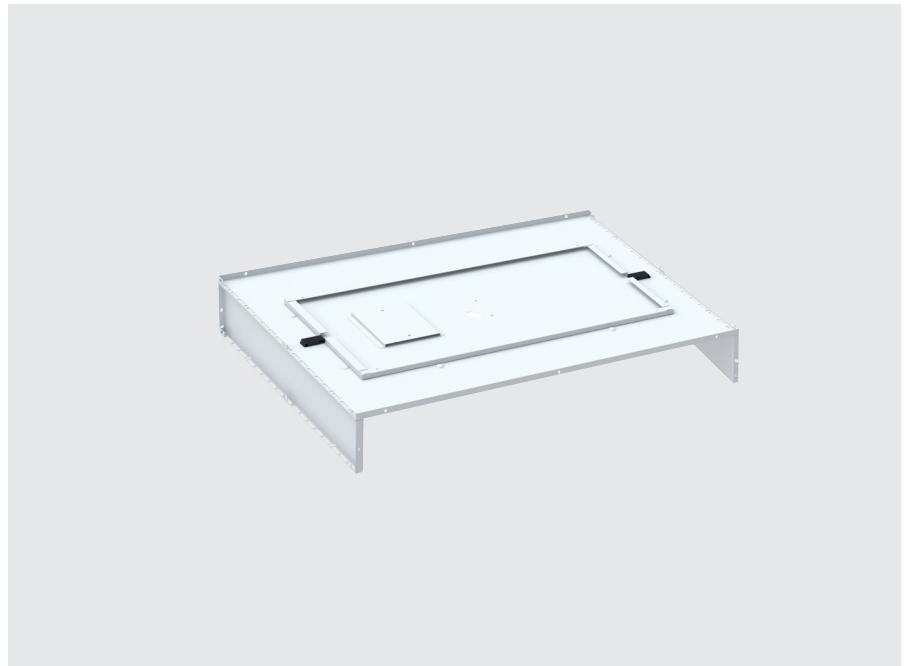
Subject to technical changes and errors. Illustrations may differ from the product.



Floor cover with motion detector

- Easy installation on cabinet systems
- With motion detector
- Detection angle: 360°
- Detection range: Ø 5 m
- With central connection box

Material: sheet metal
Colour: RAL 7035 lightgrey
Hight: 166 mm



Floor width mm	Width mm	Order no.
1000	600	582-034-33
1200	600	582-034-39
1000	800	582-034-13
1200	800	582-034-19

19" plastic blanking plate, 1 U

- Air barrier function: a cost-effective, highly effective way to reduce energy costs in the data center
- Visual enhancement of the rack by covering exposed 19" surfaces
- attractive design thanks to the rounded front surface of the cover
- short installation time: the blanking plate is simply clipped into the 19" grid without the need for tools
- can be removed and reinserted at any time without wear and without tools
- Protection against dust ingress
- Fire protection class according to UL94 V-0
- Weight savings compared to traditional metal bezels



Material:
 Lexan 920, Fire classification according to UL94 V-0, ROHS-Konform

Surface:
 RAL 7016 anthracite grey, RAL 7035 lightgrey oder RAL 9005 deep black

Delivery:
 Set = 10 pieces / Set = 136 pieces

Colour	Delivery	Order no.
RAL 7016	Set = 10 pieces	213-156-25
RAL 7016	Set = 136 pieces	213-156-40
RAL 7035	Set = 10 pieces	213-156-30
RAL 7035	Set = 136 pieces	213-156-45
RAL 9005	Set = 10 pieces	213-156-78
RAL 9005	Set = 136 pieces	213-156-79

