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## TX 7888.050

## Network rack TX CableNet

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ENCLOSURES

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CLIMATE CONTROL

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# TX 7888.050 - Network rack TX CableNet with glazed door

IT network rack, pre-configured with glazed door, 19" mounting angles, side panels and base/plinth.



## Features

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Model No.	TX 7888.050
Design	1st generation with glazed door with side panels

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# Features

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Benefits	<p>Multi-piece roof plate, solid, consisting of a welded centre piece and cable routing bars integrated on the outside without the use of tools</p> <p>With openings on both sides for cable entry across the entire enclosure depth</p> <p>Roof plate centre part and cable routing bars with rounded edges for system-compatible cable entry while observing the minimum bending radius</p> <p>Roof including concealed cut-out to accommodate a fan unit for active ventilation.</p> <p>For convenient cable entry, the cable routing bars are easily removed without the use of tools and then simply clipped back into place</p> <p>The integral bending radius helps to avoid cable infeed via sharp edges.</p> <p>Site-variable cable routing</p> <p>Safe cable entry whilst maintaining the critical cable bending radius</p> <p>"Waterfall" cable routing concept: Simple, safe cable routing via the roof</p> <p>Convenient access: Side panels and doors are easily fitted and removed for fast access to the inner rack area</p> <p>TS- and VX-compatible accessories</p> <p>Comprehensive range of accessories for bespoke interior configuration</p>
Material	<p>Enclosure: Sheet steel</p> <p>Door: Sheet steel, 1.2 mm</p> <p>Side panel: Sheet steel, 1.2 mm</p> <p>482.6 mm (19") mounting angles: Sheet steel, 2 mm</p> <p>Enclosure: Sheet steel</p> <p>Glazed door: Single-pane safety glass, 3 mm</p> <p>Side panel: Sheet steel, 1.2 mm</p>
Surface finish	<p>Enclosure frame: Dipcoat-primed</p> <p>Enclosure panels: Dipcoat-primed, powder-coated</p>
General colour	RAL 7035
Colour	<p>RAL 7035</p> <p>Enclosure frame, roof and doors, incl. handles: RAL 7035</p> <p>Interior installation: RAL 9005</p>

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# Features

Supply includes	Enclosure with glazed front door and rear door Enclosure frame with doors and roof plate Glazed sheet steel front door, 180° hinges Sheet steel rear door, solid, one-piece, 130° hinges Fastener front and rear: Designer handle with security lock 3524 E Side panels, lockable, including security lock 3524 E Roof plate, welded, with waterfall concept for cable entry at the side, with a concealed cut-out for the fan module Two 482.6 mm (19") mounting angles, front and rear Tested frame earthing to IEC 60 950, fitted Base/plinth system VX, 100 mm, vented 4 levelling feet, M12, including base/plinth adaptor (supplied loose) Base/plinth trim panels, ventilated (supplied loose) Brush kit for cable entry in the roof (supplied loose) 10 cable shunting rings, metal, 125 x 65 mm (supplied loose) 24 x 482.6 mm (19") fastener, 1 U, conductive (supplied loose) 50 multi-tooth screws, conductive (supplied loose) 4 cable guide rails, for cable clamping in the enclosure depth via cable clamps (supplied loose) IPPC pallet 482.6 mm (19") mounting angles
Dimensions	Width: 800 mm Height: 2,000 mm Depth: 800 mm
Units	42 U
Height base/plinth	100 mm
Height including base/plinth	2,100 mm
Distance between levels as delivered	445 mm
482.6 mm (19") attachment	Two 482.6 mm (19") mounting angles, front and rear
Design	Pre-configured with side panels
Roof design	Roof plate, welded, with waterfall concept for cable entry at the side, with a concealed cut-out for the fan module
Rear door design	Sheet steel rear door, solid, one-piece, 130° hinges
Front door design	Glazed sheet steel front door, 180° hinges

# Features

482.6 mm (19") level(s) version	482.6 mm (19") level, front and rear
Load capacity	5000 N
Note	To install a fan module, brush strips for fitting to the cable shunting openings are necessary if these are being used, or if the covers have been removed. Brush strips to conceal the cable entry are available separately and may be conveniently ordered from our accessory range.
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	140 kg
Gross weight	148 kg
Customs tariff number	94032080
ETIM 9	EC002499
ETIM 8	EC002499
ECLASS 8.0	27180207
Product description	TX CableNet network rack pre-configured, with glazed door at the front incl. designer handle, sheet steel door at the rear, side panels and base/plinth, as well as essential components of cable routing, WHD: 800x2000+100x800 mm, 42 U

# Approvals

Approvals	UL + C-UL (listed)
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# Tender text

IT rack, pre-configured, installation height 42 U, glazed sheet steel door at the front, one-piece solid sheet steel door at the rear.

## Rack frame:

IT rack, comprising a torsionally rigid, welded and symmetrical frame of rolled, 16-fold vertical sections connected with a horizontal frame at the bottom and horizontal cross rails with welded roof plate at the top.

All frame sections with integrated system punching in a 25 mm pitch pattern permit convenient interior installation through simple attaching and fastening of the installation components. All section edges are rounded. The vertical frame sections each possess two mounting levels offset in the depth and width directions, which can be used individually for flexible mounting of the components. Enclosures can be bayed to the front and rear, as well as to the sides.

Load capacity: up to 500 kg.

## Base:

Open base frame, without gland plates, for optional individual configuration with base modules from the range of accessories.

## Front and rear door:

Glazed sheet steel door at the front, with 3 mm single-pane safety glass (ESG).

One-piece solid sheet steel door at the rear. Both with two hinges.

Front and rear door with design handle and 2-point locking rod, security lock 3524 E, exchangeable for an AX comfort handle for optional integration of a profile half-cylinder. Door hinge side can be swapped, door opening angle 135° for stand-alone enclosures, 105° with baying. Door hinges with captive hinge pins.

## Roof plate:

Multi-piece solid roof plate, comprising a welded centre piece and cable guide struts integrated without the need for tools at the outside.

With openings for cable entry over the full enclosure depth on both sides.

Roof plate centre piece and cable guide struts with rounded edges for

system-compliant cable entry taking into account the minimum bending radius.

Roof incl. concealed cut-out to accommodate a fan unit for active ventilation.

For convenient cable entry, the cable guide struts can simply be removed without the need for tools and then clipped back into place when finished. The integrated bending radius avoids cable routing over sharp edges.

Cable entry options can be expanded with brush strips from the range of accessories.

Mounting levels:

Enclosure pre-configured with two 482.6 mm (19") mounting levels, front and rear.

The total static load capacity of both mounting levels is 500 kg.

Mounting levels comprising universal mounting angles, front and rear, depth-variable, 15 mm pitch pattern, screwed to depth stays of the enclosure frame at top and bottom.

Imperial mounting levels can be positioned either symmetrically or asymmetrically with an offset to each other. Alternative mounting dimensions for 21", 23" or 24" components can also be realised.

Mounting angles front and rear, material thickness 2.0 mm, with additional pitch pattern in accordance with the standard EIA 310 E. All height units are marked on the mounting angles and numbered in opposite directions. Height unit markings on both mounting levels can be read from both inside and outside for simplified component installation.

Front mounting angles prepared for tool-free mounting of cable routing aids and organisation of structured cabling with maximum packing density.

Rear mounting angles prepared on both sides for mounting of a Power Distribution Unit (PDU) in 1 U form factor for electrical power distribution in the enclosure, avoids occupying component installation space thanks to space-saving side mounting in the zero-U space between mounting level and side panel.

Side panels:

One-piece lockable side panels with integrated security lock 3524 E mounted on the enclosure.

**Additional scope of delivery:**

Tested frame grounding according to EN 60 950 mounted

Plinth system VX, 100 mm, mounted

Plinth covers, ventilated (enclosed)

4x leveling feet, M12 incl. base adapter (enclosed)

1x brush kit for cable entry in the roof (enclosed)

**Accessories for cable routing:**

10x cable routing brackets, metal, 125 x 65 mm (enclosed)

24x 19" fastener 1 U, contacting (enclosed)

4x cable guide rails for cable support

in the cabinet depth by means of cable clamps (enclosed)

as well as 19" mounting accessories:

50x hexagon socket screws, conductive (enclosed)

**Material:**

Enclosure frame, roof: Sheet steel, 1.5 mm

Rear door: Sheet steel, 1.2 mm

Front door: Sheet steel, 1.2 mm; single-pane safety glass (ESG) 3.0 mm

19" mounting angles: Sheet steel, 2.0 mm

**Surface:**

Panel parts and doors powder-coated in RAL 7035

Interior installations dipcoat-primed in RAL 9005

**Approvals:**

CE Declaration of Conformity

RoHS 3

**Dimensions (WHD): 800x2100x800 mm**

**Model no.: 7888.050**

**Manufacturer: Rittal GmbH & Co. KG**