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Deep Networks Group

DATA SHEET
DE-STD · SN-IRON-ODF-2U · Rev. 2026

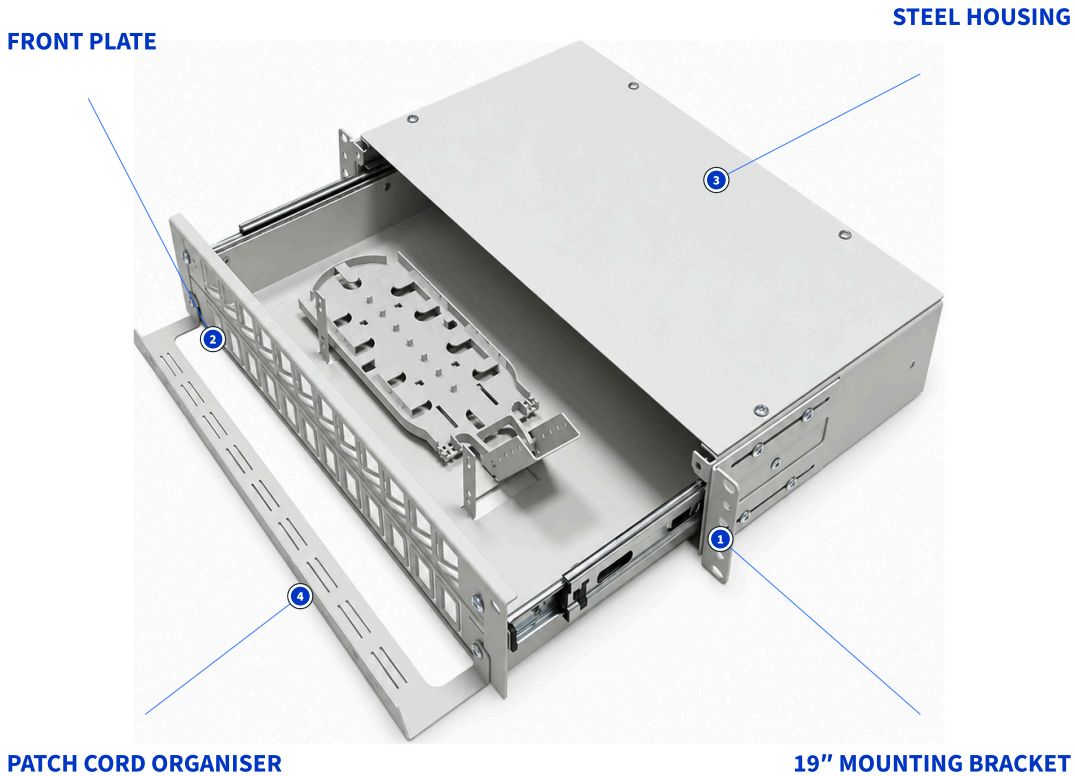
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RACK ACCESSORIES

SN-IRON-ODF-2U Fiber Optic Distribution Frame

19″ 2U Fiber Optic Distribution Frame with Sliding Base on Guide Rails



The Fiber Optic Distribution Frame is designed for the installation, organisation and termination of fiber optic cables in standard 19-inch racks and cabinets.

The 2U steel enclosure features a sliding construction with guide rails for convenient access to internal connections. It supports interchangeable front plates for SC, SC Duplex, LC, LC Duplex and FC adapters.

The panel is equipped with a patch cord organiser on the front side and rear cable entry ports for cable routing into the housing.

AT A GLANCE

Product type	**Fiber Optic Distribution Frame**
Mounting standard	**19-inch Rack Mount**
Height	**2U**
Construction	**Steel Housing**
Access type	**Sliding Base with Guide Rails**
Front plate	**Interchangeable**

NUMBERED DETAILS IN THE PHOTO

1. **19″ Mounting Bracket**
   Provides secure installation in standard 19-inch cabinets and racks.
2. **Front Plate**
   Provides mounting positions for fiber optic adapters.
3. **Steel Housing**
   Protects internal fiber connections and components.
4. **Patch Cord Organiser**
   Provides organised routing of fiber optic patch cords at the front of the panel.

1 Key figures

Rack Standard
19″

Height	**2U**
Front Plate Adapter Formats	**5 types**
Guide Rail Mechanism	**Sliding**

2 Key features

Front Plate	Supports different front plate configurations for SC, SC Duplex, LC, LC Duplex and FC adapters.
Splice Tray Mounting	Dedicated mounting points accommodate a fiber optic splice tray.
Cable Entry Points	Cable entry ports at the rear of the housing allow fiber optic cables to be routed into the panel.
Steel Construction	Steel housing provides structural rigidity and protection for internal components.
Patch Cord Management	Provides organised routing of fiber optic patch cords at the front of the panel.
19″ System Compatibility	Mounts directly onto standard 19-inch mounting profiles.
2U Design	Provides 2U of mounting height for the installation of fiber optic connections.
Powder-Coated Finish	Durable powder coating protects the steel surface during normal operation.

TYPICAL APPLICATIONS

- Telecommunications Networks
- Fiber Optic Distribution Points
- Data Centres
- FTTx Networks
- Structured Cabling Systems

WHAT'S IN THE BOX

- ODF Housing — 1 pc

- M6 Mounting Kit — 4 pcs
- Flexible PVC Corrugated Conduit, Ø16 mm, 1.0 m — 1 pc
- Plastic Cable Tie, 3.6 × 150 mm — 16 pcs
- Plastic Cable Tie, 7.6 × 300 mm — 8 pcs

The splice tray shown in the photo is an installation example and is not part of the standard supply.

COMPATIBLE WITH



Wall cabinet



Floor cabinet



Outdoor cabinet

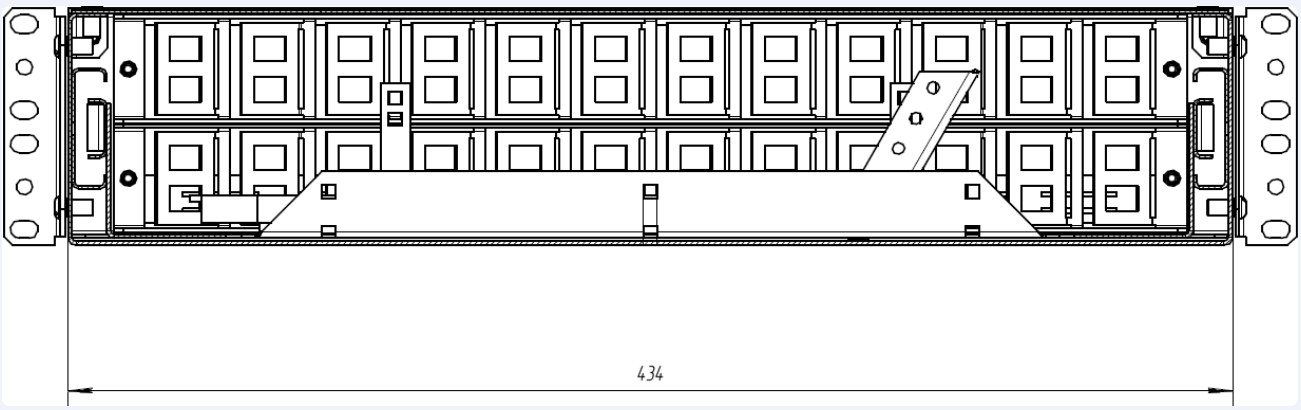
3 Size and configuration matrix

The row lists the SN-IRON-ODF-2U Fiber Optic Distribution Frame model. Columns give external dimensions (width by height by depth), mounting height and net weight.

Model	Dimensions (W × H × D) (mm)	Mounting height	Net weight (kg)
SN-IRON-ODF-19-2U	**483 × 88 × 262.5** mm	**2U**	6.05 kg

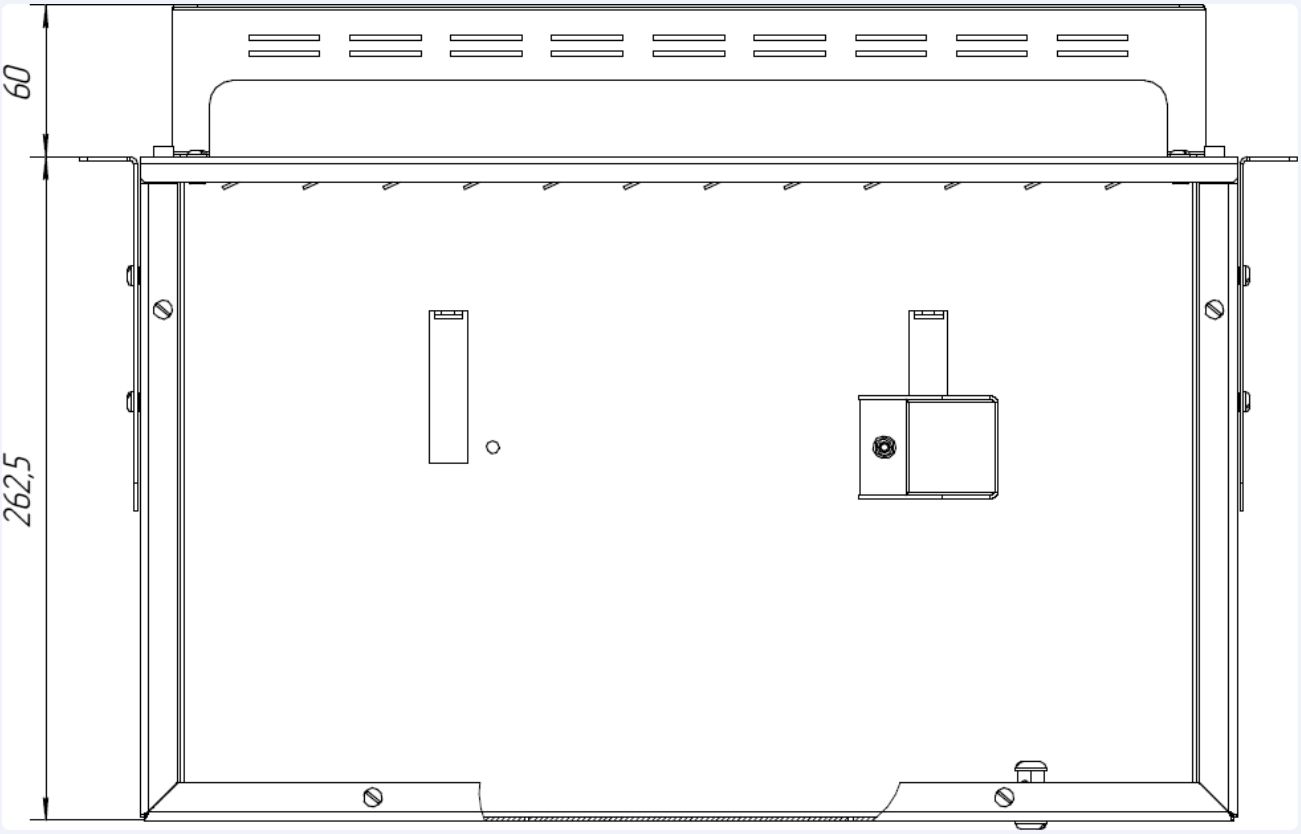
Depth is measured without the patch cord organiser (322.5 mm with the organiser). Dimensions and weight are the same for all front plate adapter formats. The panel is available in RAL 7035 and RAL 9005.

4 Technical drawings



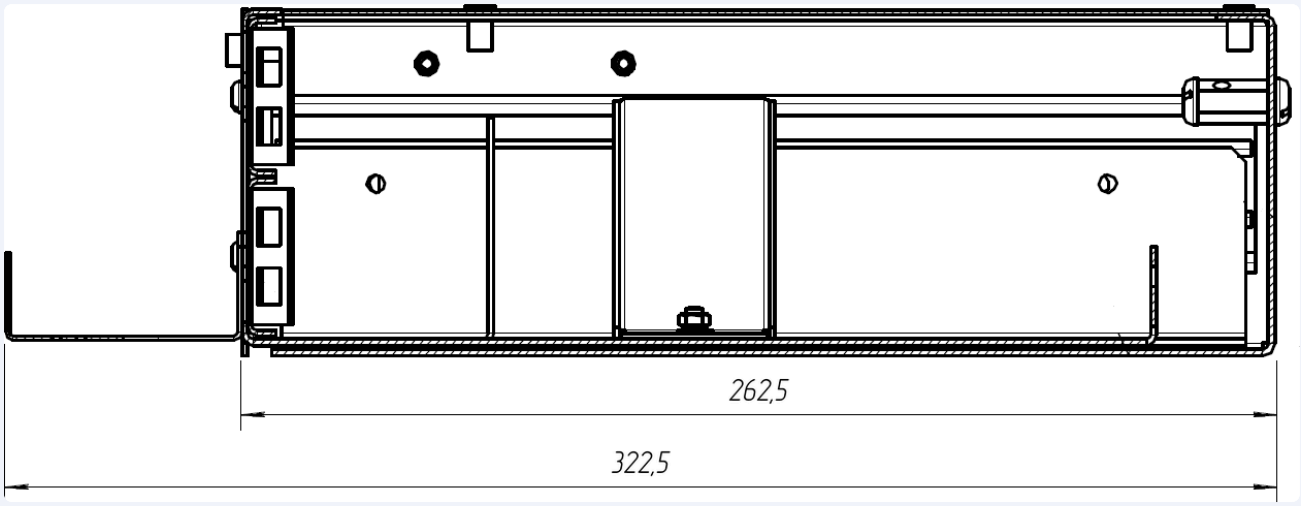
FRONT VIEW

Front view of the 2U model: the steel housing between the 19-inch mounting brackets with their mounting holes, the front plate with two rows of twelve adapter cut-outs, the splice tray bracket and a cable fixing tab behind them, and the patch cord organiser along the bottom. Marked dimension: housing width without the mounting brackets 434 mm.



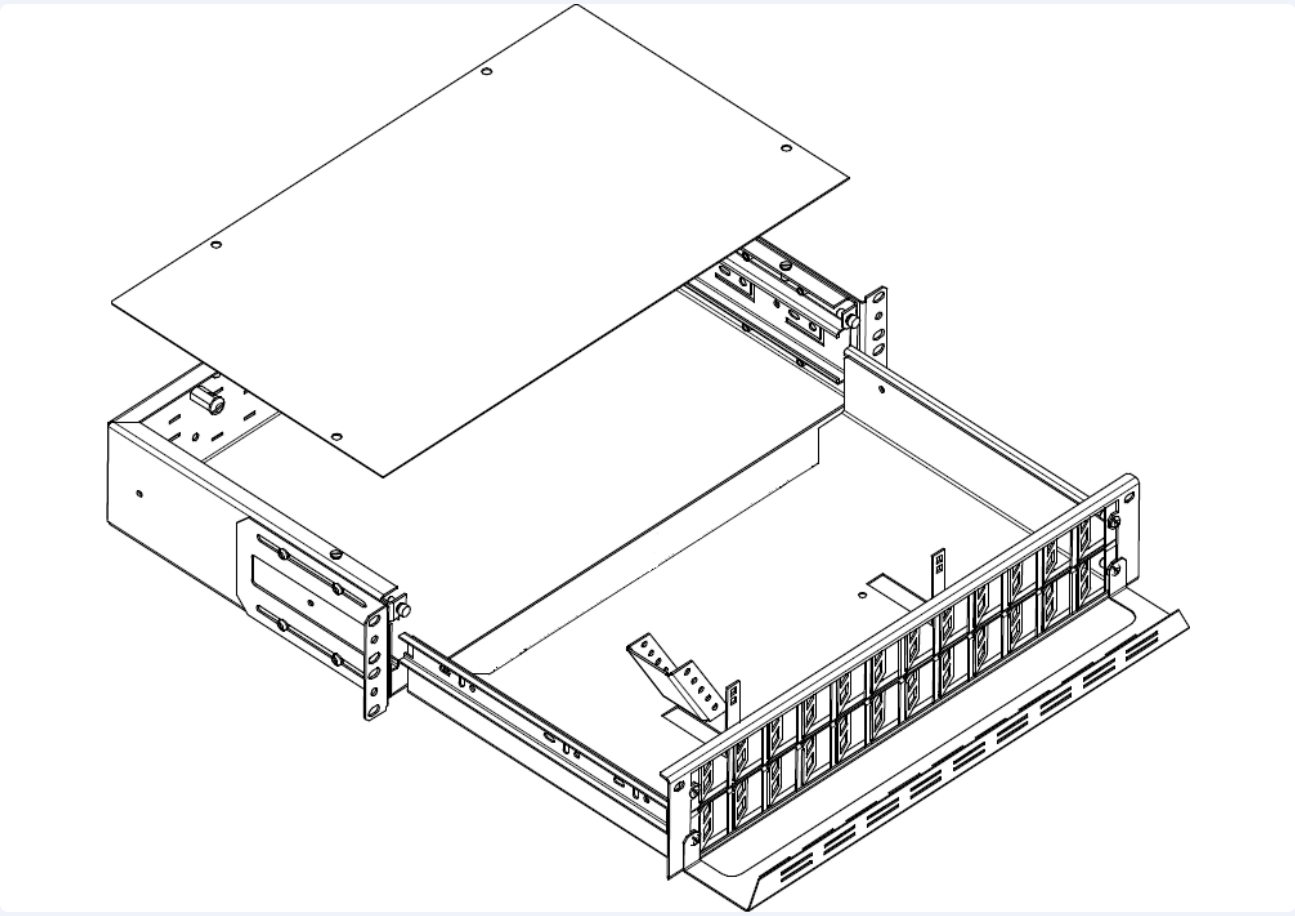
TOP VIEW

Top view of the 2U model with the cover removed: the sliding base inside the housing with a cable fixing tab, the splice tray bracket and a small hole, the guide rails along both sides, and the slotted patch cord organiser in front, at the top of the drawing. Marked dimensions: housing depth 262.5 mm and the patch cord organiser 60 mm.



SIDE VIEW

Side view of the 2U model, with the side wall not shown: the front plate with its two rows of adapter cut-outs on the left, the bent patch cord organiser reaching out in front of it, the sliding base with the splice tray bracket inside the housing, and the guide rail along the top. Marked dimensions: housing depth 262.5 mm and overall depth with the patch cord organiser 322.5 mm.



GENERAL VIEW

Exploded isometric view of the 2U model: the cover lifted off the housing, the housing with the 19-inch mounting brackets, and the sliding base pulled out on its guide rails with the front plate with two rows of adapter cut-outs, the slotted patch cord organiser, the splice tray bracket and a cable fixing tab. No dimensions are marked.

5 Standards and certification

- ✓ **IEC 60297-1**

  Mechanical structures for electronic equipment — dimensions of the 482.6 mm (19 in) series — part 1: panels and racks
- ✓ **IEC 60297-2**

  Mechanical structures for electronic equipment — dimensions of the 482.6 mm (19 in) series — part 2: assemblies and subracks
- ✓ **EIA-310** Cabinets, racks, panels, and associated equipment

6 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

`SN-IRON-ODF-19-2U-[ADAPTER]-[RAL]`

`SN-IRON-ODF`

Series name

`19`

19-inch rack standard

`2U`

Height 2U

`[ADAPTER]`

Front plate adapter cut-out format — SC, SCDX (SC Duplex), LC, LCDX (LC Duplex) or FC

`[RAL]`

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-IRON-ODF-19-2U-SC-7035`

Fiber optic distribution frame, SN-IRON, 19-inch, 2U, SC adapters, RAL 7035 light grey.

IEC 60297 · EIA-310 · Made in Europe

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