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Deep Networks Group

**DATA SHEET**
DE-STD · SN-ODF · Rev. 2026

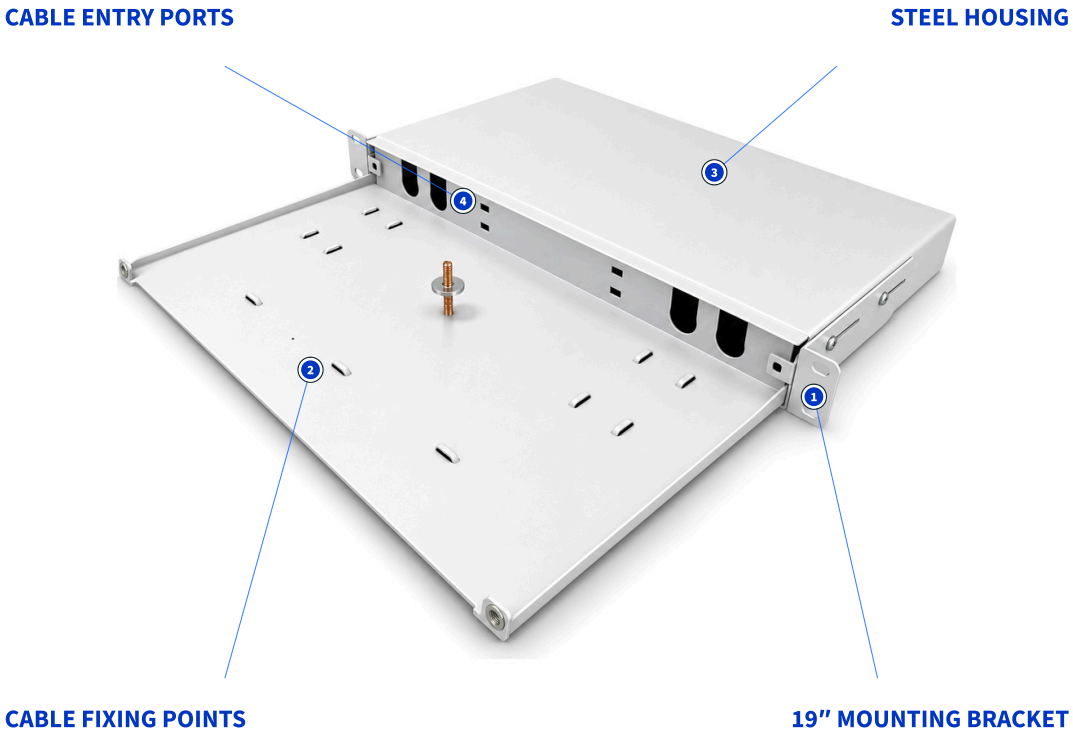
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RACK ACCESSORIES

# SN-ODF Fiber Optic Distribution Frame

## 19″ 1U / 2U Fiber Optic Distribution Frame with Sliding Base



The Fiber Optic Distribution Frame is designed for the termination, connection and organisation of optical fibers in standard 19-inch telecommunications cabinets and racks.

The 1U or 2U steel enclosure features a sliding base for convenient access to internal fiber connections without removing the panel from the rack. It supports interchangeable front plates for SC, SC Duplex, LC, LC Duplex and FC adapters.

The rear panel features cable entry ports prepared for PG 13.5 cable glands.

### AT A GLANCE

| | |
|---|---|
| Product type | **Fiber Optic Distribution Frame** |
| Mounting standard | **19-inch Rack Mount** |
| Height | **1U / 2U** |
| Construction | **Steel Housing** |
| Access type | **Sliding Base** |
| Front plate | **Interchangeable** |

### NUMBERED DETAILS IN THE PHOTO

1. **19″ Mounting Bracket**
   Provides secure installation in standard 19-inch cabinets and racks.
2. **Cable Fixing Points**
   Provide mounting positions for securing optical cables inside the housing.
3. **Steel Housing**
   Protects internal fiber connections and components.
4. **Cable Entry Ports**
   Allow optical cables to enter through the rear of the housing.

## 1 Key figures

| Rack Standard |
|---|
| **19″** |

| Height |
| --- |
| **1U / 2U** |

| Front Plate Adapter Formats |
| --- |
| **5 types** |

| Cable Gland Openings |
| --- |
| **PG 13.5** |

## 2 Key features

| | |
| --- | --- |
| **Sliding Base** | Easy access to internal fiber connections without removing the panel from the rack. |
| **Front Plate** | Supports different front plate configurations for SC, SC Duplex, LC, LC Duplex and FC adapters. |
| **Cable Entry Points** | Cable entry ports at the rear of the housing are prepared for PG 13.5 cable glands. |
| **Steel Construction** | Steel housing provides structural rigidity and protection for internal components. |
| **Front Access** | The sliding design allows fiber connections to be accessed from the front of the cabinet. |
| **19″ System Compatibility** | Mounts directly onto standard 19-inch mounting profiles. |
| **Height Options** | Available in 1U and 2U versions to suit different installation requirements. |
| **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
- 19″ Mounting Bracket — 2 pcs
- Bracket Fixing Screws — 1 set

### COMPATIBLE WITH



Wall cabinet



Floor cabinet



Outdoor cabinet

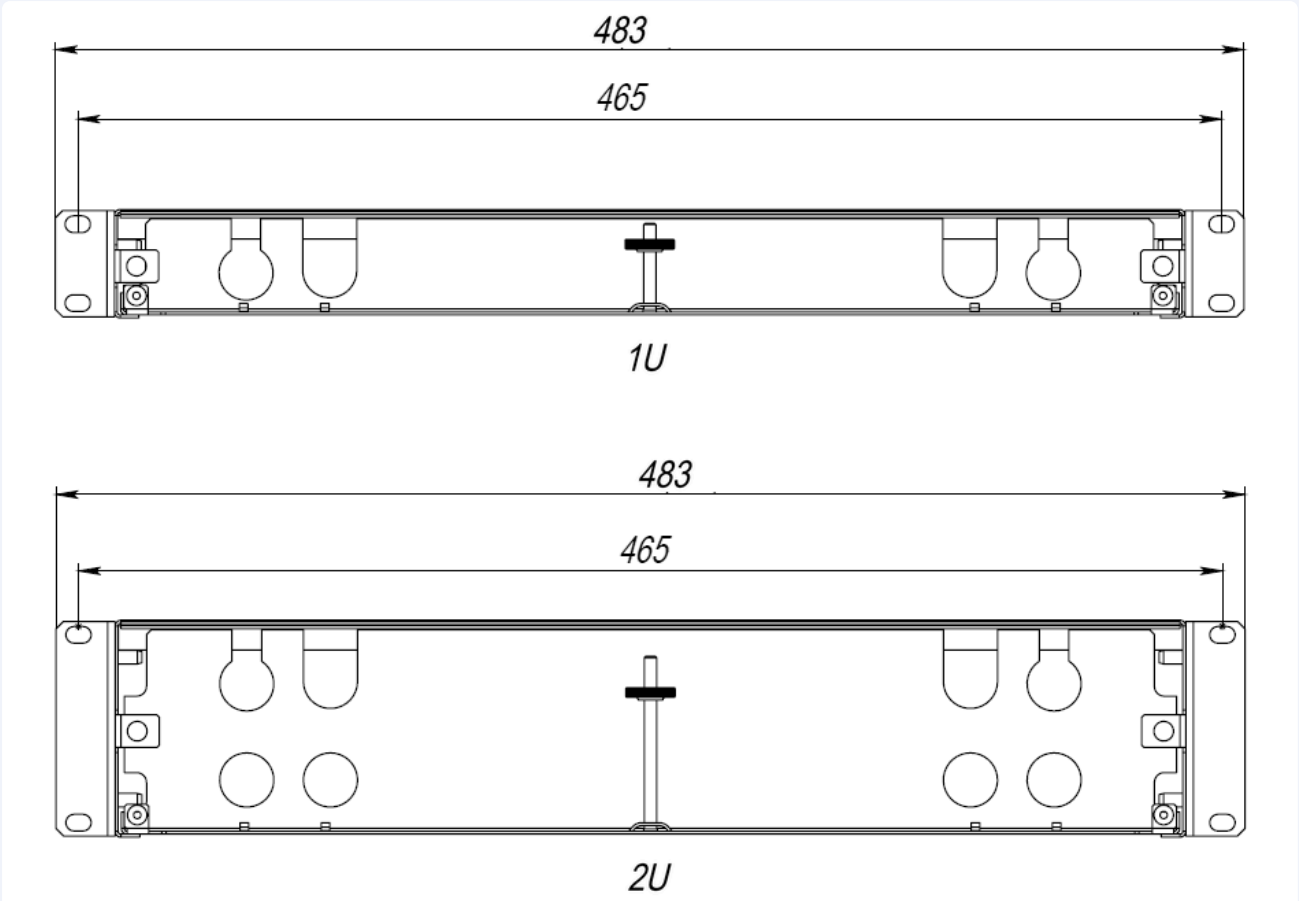
## 3 Size and configuration matrix

Each row lists one SN-ODF 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-ODF-19-1U | **483 × 44 × 236** mm | **1U** | 2.60 kg |
| SN-ODF-19-2U | **483 × 88 × 236** mm | **2U** | 3.15 kg |

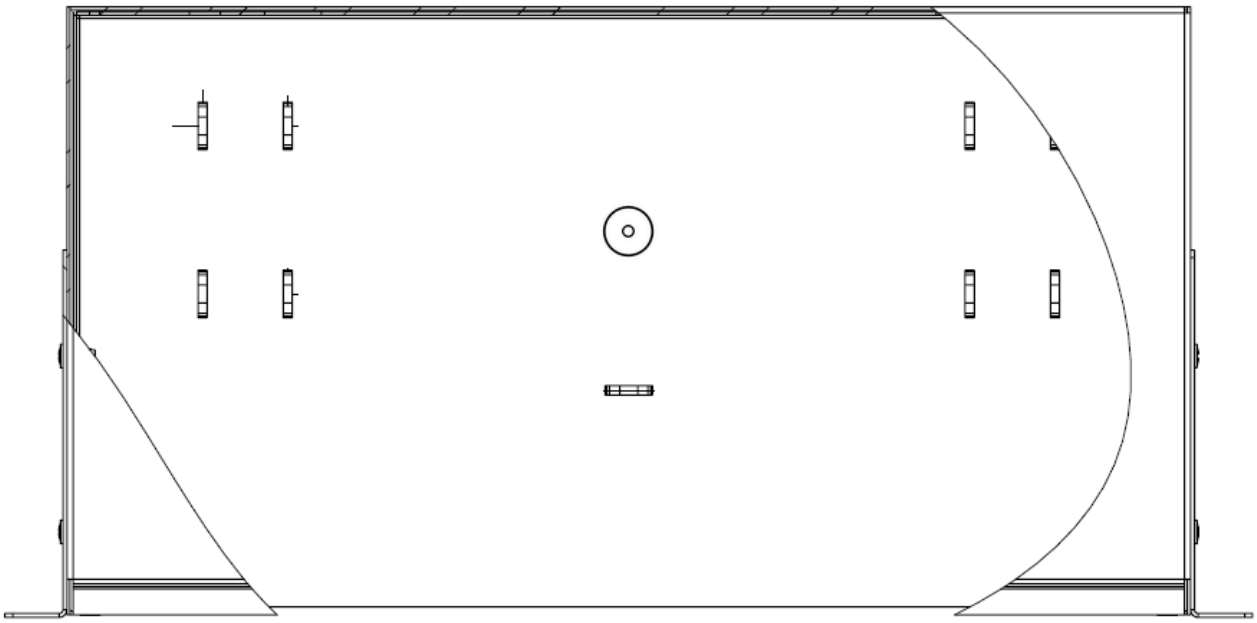
Depth is measured without the 19-inch mounting brackets. The panel is available in RAL 7035 and RAL 9005.

## 4 Technical drawings



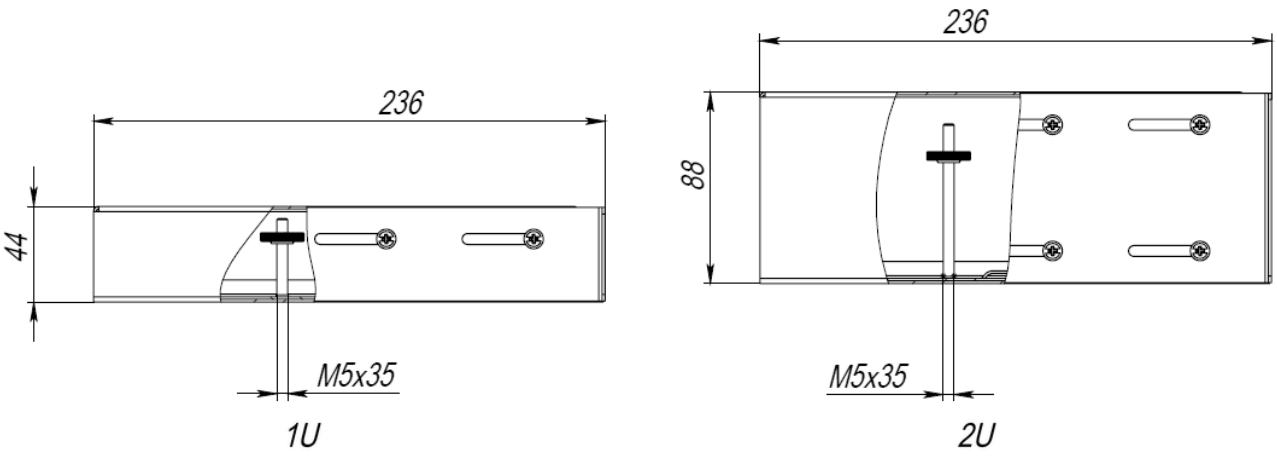

### FRONT VIEW — FRONT PLATE REMOVED

Front views of the 1U model (top) and the 2U model (bottom) with the front plate removed: the steel housing between the 19-inch mounting brackets, the keyhole-shaped and round cable entries in the rear wall seen through the open front (two of each in the 1U model, four of each in the 2U model) and the splice-cassette pin in the centre of the base. Marked dimensions, the same for both models: overall width 483 mm and 465 mm between the centres of the mounting holes.



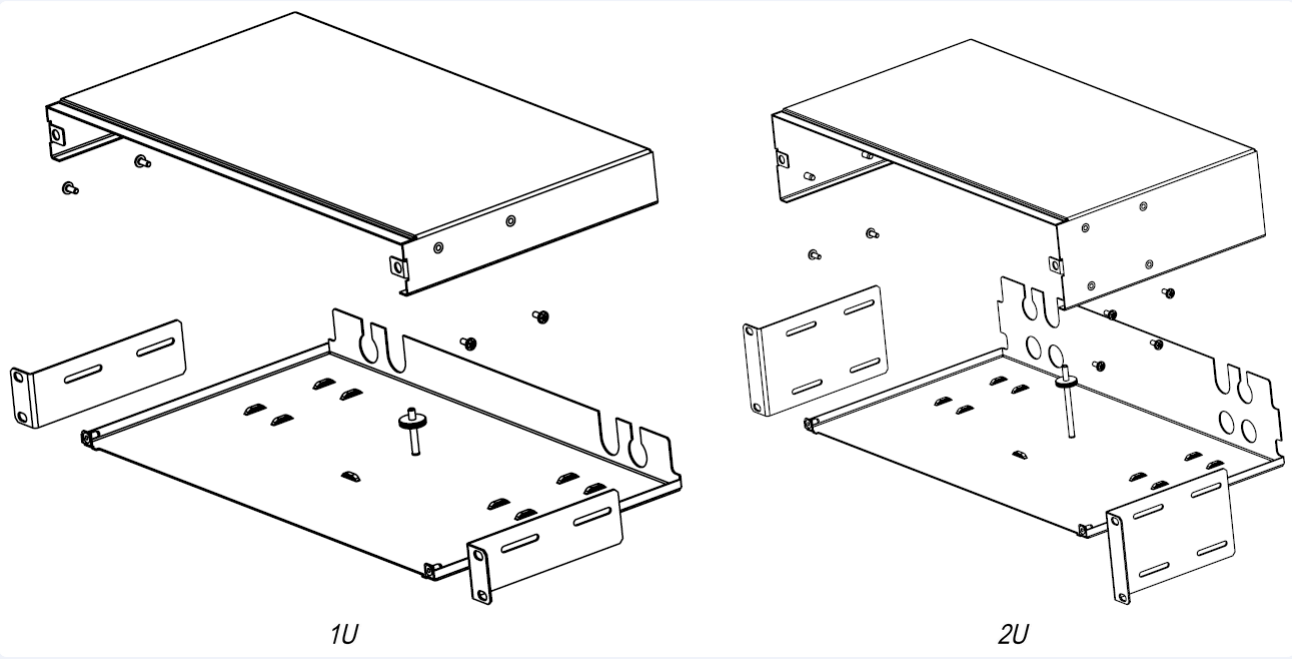
## TOP VIEW

Top view of the 1U model, the cover partly cut away to show the base: two rows of slots near each side of the base, the round splice-cassette pin in the centre and one more slot in front of it, with the 19-inch mounting brackets at both sides. No dimensions are marked. The 2U model has the same plan.




## SIDE VIEW

Side views of the 1U model (left) and the 2U model (right): the housing with the 19-inch mounting bracket fixed by screws in its slots, and a partial cut showing the splice-cassette pin. Marked dimensions: depth 236 mm for both models; height 44 mm for the 1U model and 88 mm for the 2U model; the pin is marked M5x35.




### GENERAL VIEW

Exploded isometric views of the 1U model (left) and the 2U model (right): the cover lifted off the base, the two 19-inch mounting brackets with slots, the base with the splice-cassette pin, the rear wall with keyhole-shaped cable entries (and round ones in the 2U model), and the fixing screws shown separately. 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-ODF-19-[U]-[RAL]**

**SN-ODF**

Series name

**19**

19-inch rack standard

**[U]**

Height — 1U or 2U

**[RAL]**

Powder-coat colour — 7035 light grey or 9005 black

**EXAMPLE** **SN-ODF-19-1U-7035** Fiber optic distribution frame, 19-inch, 1U, RAL 7035 light grey.

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**IEC 60297** **EIA-310** **Made in Europe**

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