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Deep Networks Group

DATA SHEET
DE-STD · SN-CS · Rev. 2026

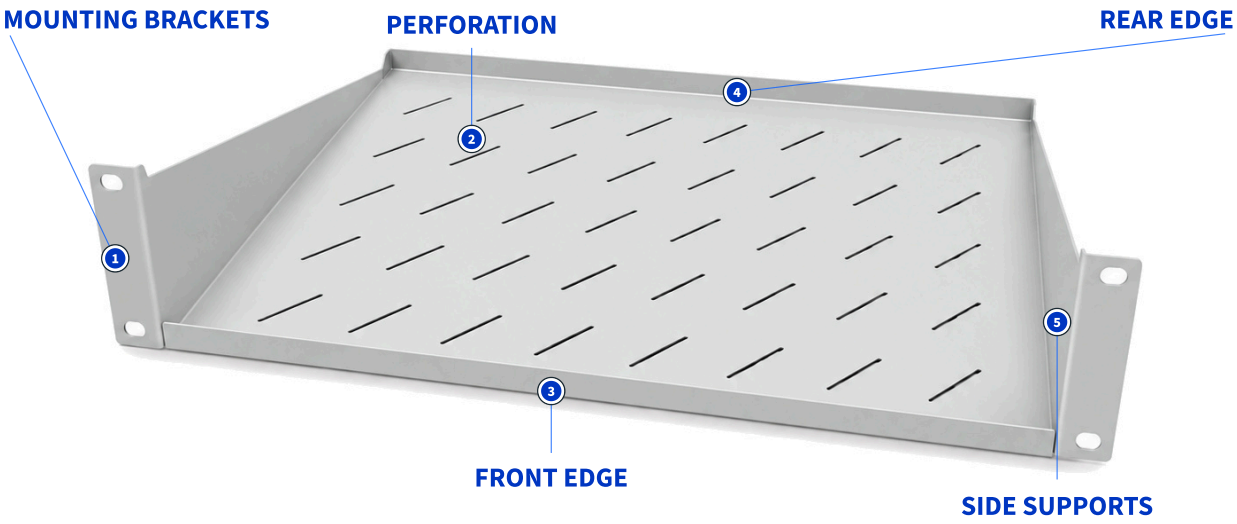
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RACK ACCESSORIES

SN-CS Cantilever Shelf

19-inch Cantilever Shelf, 2-Point Mounting



Cantilever shelves are designed for installing non-rack-mount equipment in 19-inch cabinets and open racks. The shelf is mounted to the front 19-inch mounting rails only and does not require attachment to the rear mounting rails. The cantilever construction allows installation without rear support. A perforated shelf surface provides free airflow around the installed equipment and supports effective cabinet ventilation. The shelves are available in 1U and 2U heights and a range of depths,

depending on the model. Each shelf is individually protected with cardboard packaging; standard transport packaging contains two shelves per carton.

AT A GLANCE

Product family	**Cantilever Shelf**
Category	**Rack Accessory**
Application	**Indoor**
Rack standard	**19″**
Mounting type	**Cantilever / Front-mounted**

NUMBERED DETAILS IN THE PHOTO

1. **Front Mounting Brackets**
   Provide secure attachment of the shelf to the front 19-inch mounting rails.
2. **Ventilation Perforation**
   Allows cooling air to circulate freely around equipment placed on the shelf.
3. **Front Retaining Edge**
   Helps prevent equipment from sliding forward during operation or servicing.
4. **Rear Retaining Edge**
   Helps keep equipment positioned within the shelf area.
5. **Side Supports**
   Increase structural rigidity and support the shelf under load.

1 Key figures

Rack Standard	**19″**
Height	**1U–2U**
Depth	**150–400 mm**

Max. Distributed Load

15 kg

2 Key features

Cantilever Mounting	Front-mounted design requires no rear support.
Ventilation Openings	Perforated surface promotes free airflow around installed equipment.
Steel Construction	Formed steel construction provides structural rigidity and durability.
Front Mounting Brackets	Integrated brackets provide secure attachment to the mounting rails.
Side Supports	Formed side sections increase the rigidity of the shelf structure.
Retaining Edges	Formed front and rear edges help keep equipment within the shelf area.
Powder-Coated Finish	Durable powder coating protects the steel surface during normal operation.
Two Standard Colours	Available in RAL 7035 light grey and RAL 9005 black.

TYPICAL APPLICATIONS

- Installation of non-rack-mount equipment
- Network and telecom cabinets
- Open rack installations
- Auxiliary equipment installation

WHAT'S IN THE BOX

- Shelves ×2
- M6 Mounting Kit ×4 per shelf

COMPATIBLE WITH



Wall cabinet



Open rack



Floor cabinet

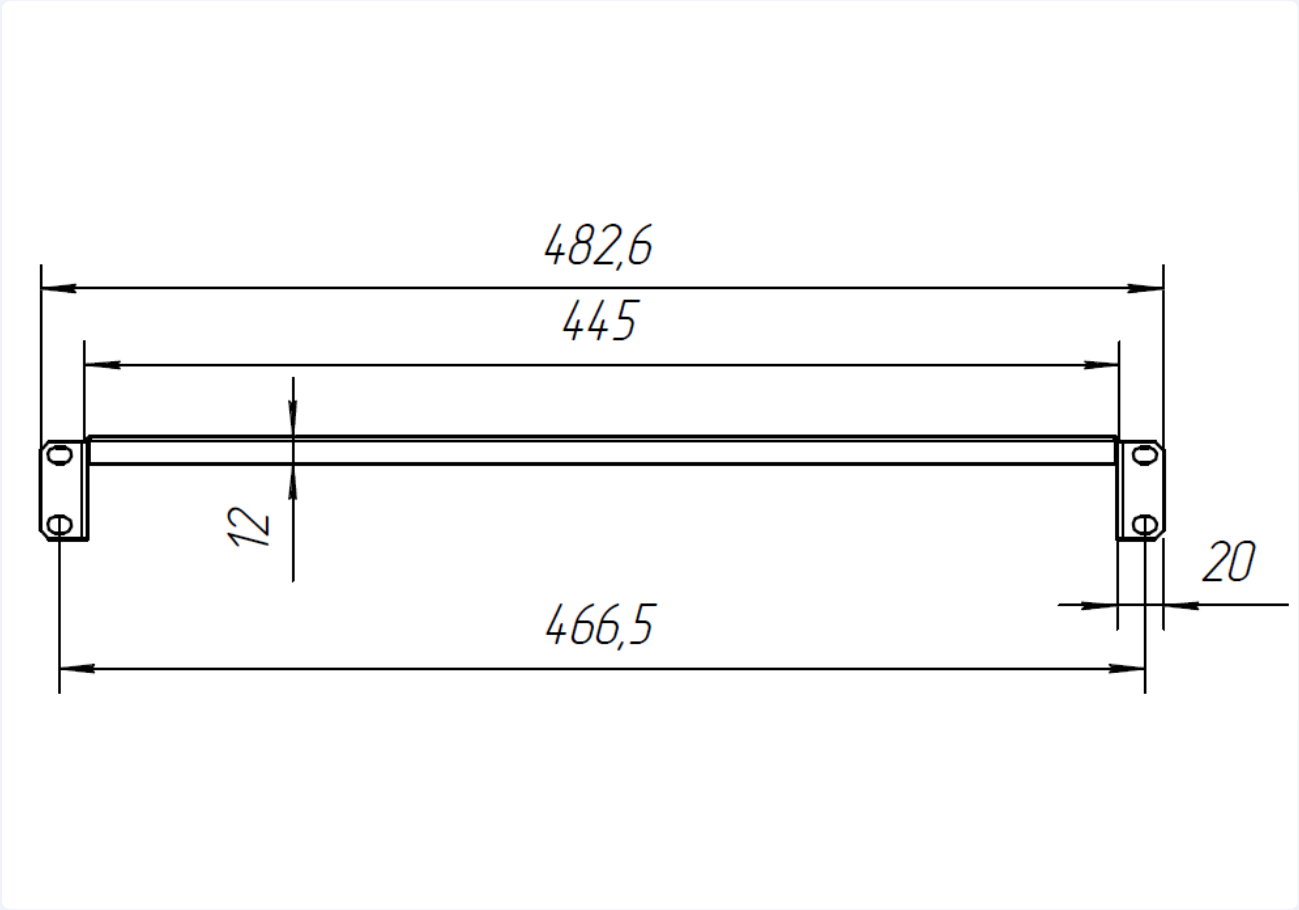
3 Size and configuration matrix

Rows list the ten Cantilever Shelf models. Columns give external dimensions (width by height by depth), the mounting height in rack units, and net weight.

Model	Dimensions (W × H × D) (mm)	Mounting height	Net weight (kg)
SN-CS-19-1U-015	**483 × 44 × 150** mm	**1U**	0.68 kg
SN-CS-19-1U-02	**483 × 44 × 200** mm	**1U**	0.84 kg
SN-CS-19-1U-025	**483 × 44 × 250** mm	**1U**	1.00 kg
SN-CS-19-1U-028	**483 × 44 × 280** mm	**1U**	1.08 kg
SN-CS-19-1U-03	**483 × 44 × 300** mm	**1U**	1.18 kg
SN-CS-19-1U-035	**483 × 44 × 350** mm	**1U**	1.43 kg
SN-CS-19-1U-04	**483 × 44 × 400** mm	**1U**	1.53 kg
SN-CS-19-2U-03	**483 × 88 × 300** mm	**2U**	1.33 kg
SN-CS-19-2U-035	**483 × 88 × 350** mm	**2U**	1.58 kg
SN-CS-19-2U-04	**483 × 88 × 400** mm	**2U**	1.68 kg

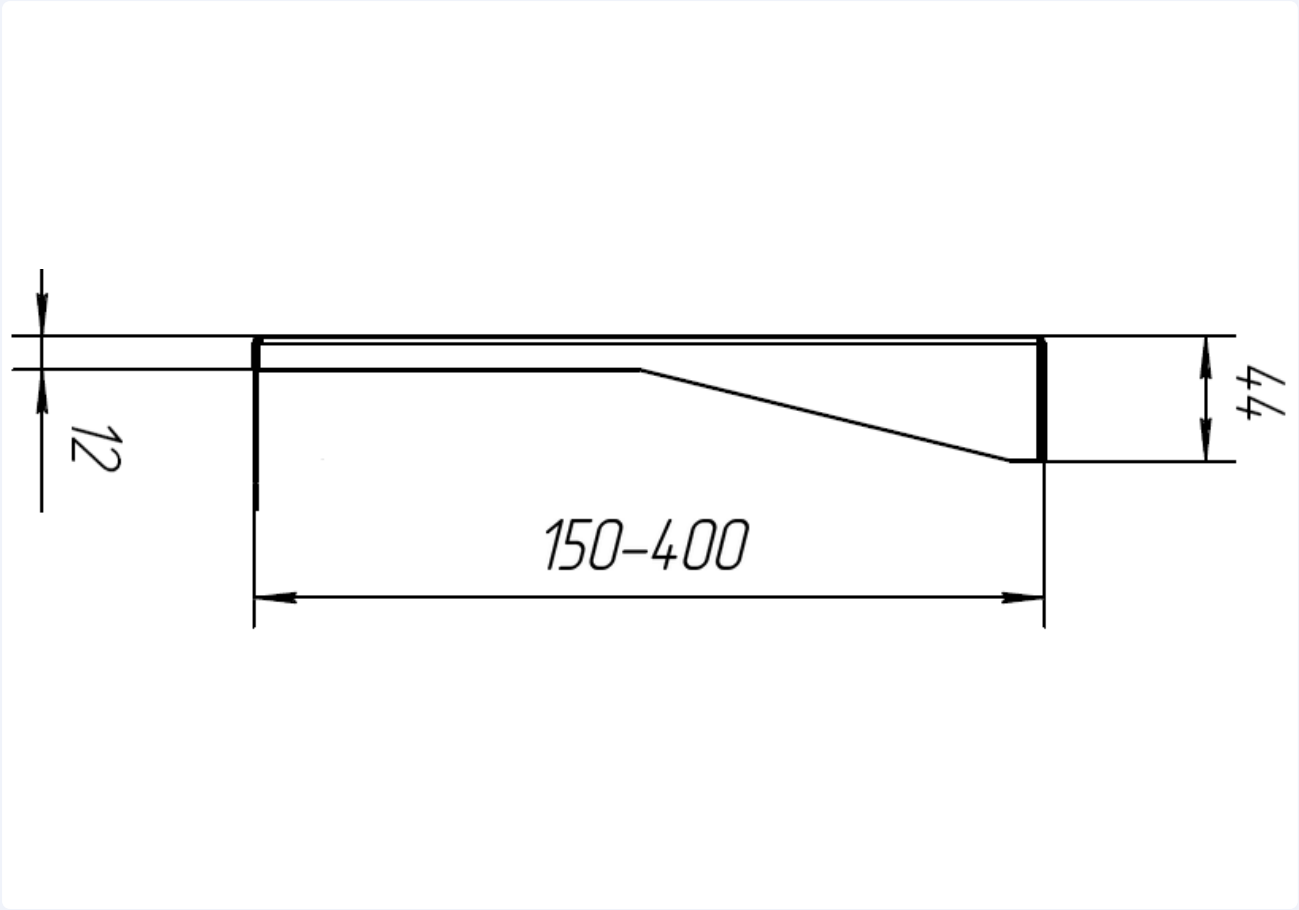
Width 482.6 mm across the mounting brackets is common to every model. All cells are equal; the 1U-200, 2U-300 and 2U-400 weights are computed from adjacent measured values.

4 Technical drawings



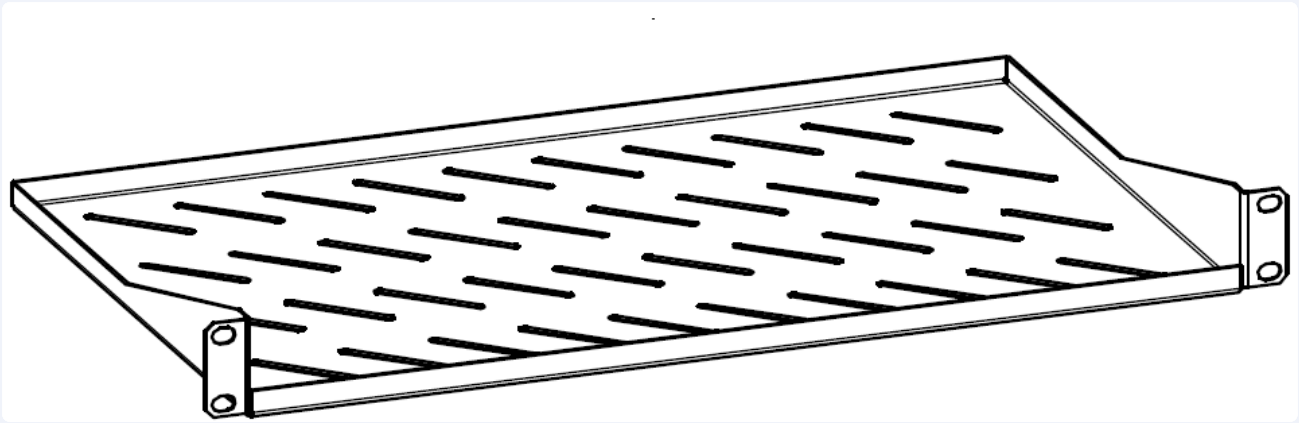
FRONT VIEW

Front elevation. Marked dimensions: overall width 482.6 mm across the mounting brackets — the 19-inch rack standard; 445 mm across the shelf body; 466.5 mm between the mounting-hole centres; and 12 mm and 20 mm for the bracket. All are common to every model in the family.



SIDE VIEW

Side elevation. The deck is 12 mm thick and the shelf is 44 mm high (1U). The depth dimension is marked 150-400 mm — the range across the family; the value for each model is in the Size & Configuration Matrix. The underside tapers from the front toward the rear, forming the cantilever gusset.



GENERAL VIEW

Isometric view of the assembled shelf: the perforated deck, the formed side supports, the front and rear retaining edges, and the front mounting brackets. 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-CS-19-[U]U-[D]-[RAL]`

`SN-CS`

Series name

`19`

19-inch rack standard

`[U]`

Height in rack units — 1U or 2U

`[D]`

Shelf depth code in metres without the decimal point — 015 = 150 mm to 04 = 400 mm — 015, 02, 025, 028, 03, 035, 04

`[RAL]`

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-CS-19-1U-028-7035`

Cantilever shelf, 1U mounting height, 280 mm deep, RAL 7035 light grey.

The 2U shelf is available in 300, 350 and 400 mm depths only. The M6 mounting kit is included with each shelf.

IEC 60297 · EIA-310 · Made in Europe

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