

DATASHEET

19" Network Cabinet PEL 42HE 800x800 RAL9005 front glass 1-pc. rear steel 1-pc



General data

The 19" PEL RAL9005 network cabinet from EFB-Elektronik in 800 x 1000 mm is designed for demanding network and IT installations. It combines a stable construction with practical equipment for the structured installation of active and passive components.

- 42U in 19" format – Provides plenty of clearance for growing network infrastructures and makes it easier to neatly stagger components.
- Glass door at the front and steel door at the back – Allows visual inspection while providing robust protection of the cabinet contents in daily operation.
- Passive ventilation, baying-compatible design and cable entries in the roof and floor – Supports flexible installation with clear routing without active cooling.

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The cabinet is designed as a 42U version with a fixed frame and screwed, completely pre-assembled frame. The mounting levels at the front and rear create clear conditions for removal, while the one-piece doors on both sides with a 180° opening angle facilitate access during assembly and maintenance. The front door is made of certified safety glass with a glass thickness of 5 mm, while the rear door is designed as a one-piece steel door. The concept is complemented by the IP20 protection class, earthing and the screwed, resealable cable entries in the roof and floor. The mechanical design with a maximum load capacity of 800 kg supports use in stressed IT environments.

Technical details

- Number of doors: 2
- Degree of protection: IP20 according to EN 60529
- Type of ventilation: passive
- With earthing: Yes
- With roof panel: Yes
- With front door: Yes
- With side panels: Yes
- With rear door: Yes
- Mounting level: front and rear
- Front door design: one-piece glass door (certified safety glass, glass thickness 5 mm)
- Front door opening angle: 180 °
- Rear door opening angle: 180°
- Front door locking: 1-point quarter-turn latch with swing handle
- Rear door locking: 1-point quarter-turn latch
- Scope of delivery: 1x cabinet, 4 x levelling feet, cage nut set 40 pieces, wrench
- Packaging: Delivered in transport packaging on a single-use pallet

Technical properties

Active air conditioning	False
Cabinet Series	PEL
Cable entry roof/floor	Roof and base each 2 screwed openings (front, rear), each 386 x 69 mm (re-sealable with pre-mounted blanking plates)
Category	19" network cabinet according to DIN41494
Degree of protection	IP20 according to EN60529
Demountable	True
Door hinge reversible front door	True
Door hinge reversible rear door	True
Door opening angle front door	180 °
Door opening angle rear door	180 °
Frame	screwed together, completely pre-assembled
Material	Steel
Model	With permanent frame

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Modular spacing	482.6 mm (19 inch)
Mounting level	Front and rear
PHC replaceable front door	False,
PHC replaceable rear door	False
Packaging	Delivery in transport packaging on a disposable pallet
Scope of delivery	1x cabinet, 4 x leveling feet, cage nut set (20 pieces), key
Stackable	True
Surface finishing	Powder coating
Type of back door	Steel door 1-part
Type of front door	Glass door 1-part (certified safety glass, glass thickness 5 mm)
Type of profile rail	Crank
Type of ventilation	Passive
With backside door	True
With earthing	True
With front door	True
With roof plate	True
With sidewall	True
With socket	False

Available variants

ArtNr.	Bezeichnung	Colour	Depth	Front door locking system	Material front door	Material rear door	Max. load capacity	Number of height units	Rear door locking system	Width cable management	With vertical cable management	Height	RAL-number	Number of doors
PEL-2466TS.G1SV	19" Network Cabinet PEL 24HE 600x600 RAL9005 front glass 1-pc. rear steel 1-pc	Black	600 mm	1-point latch locking mechanism with swivel lever	Glass	Steel	800 kg	24 U	1-point latch locking mechanism	600 mm	False	1200 mm	9005	2
PEL-4266TS.G1SV	19" Network Cabinet PEL 42HE 600x600 RAL9005 front glass 1-pc. rear steel 1-pc	Black	600 mm	1-point latch locking mechanism with swivel lever	Glass	Steel	800 kg	42 U	1-point latch locking mechanism	600 mm	False	2000 mm	9005	2

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PEL-4280TS.G1SV	19" Network Cabinet PEL 42HE 800x1000 RAL9005 front glass 1-pc. rear steel 1-pc	Black	1000 mm	1-point latch locking mechanism with swivel lever	Glass	Steel	800 kg	42 U	1-point latch locking mechanism	800 mm	False	2000 mm	9005	2
PEL-4288TS.G1SV	19" Network Cabinet PEL 42HE 800x800 RAL9005 front glass 1-pc. rear steel 1-pc	Black	800 mm	1-point latch locking mechanism with swivel lever	Glass	Steel	800 kg	42 U	1-point latch locking mechanism	800 mm	False	2000 mm	9005	2

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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