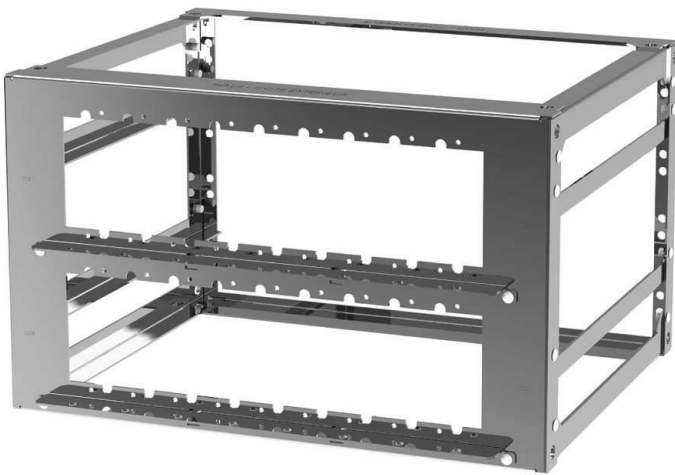


On Board Rack (OBR)

DURABLE FRAME TO SUPPORT 19" ELECTRONICS IN TRANSPORT APPLICATIONS

12/2022



The nVent SCHROFF On Board Rack (OBR) is the ideal solution to install 19" (84 TE) and 36 TE electronics on trains, trucks, ships and other vehicles, where a lightweight solution for a secure, durable and reliable mounting is required.

Manufactured from corrosion resistant stainless steel and welded to meet AWS and EN 15085 (CL2), On Board Racks are designed to withstand the tough environmental conditions in vehicles with permanent vibration, shock, high temperatures and humidity.

The On Board Racks are available in heights of 3, 6 or 9 U for 1, 2, or 3 SNCF subracks (NF F 61-005 and NF F 60-002), each supported by a set of slide rails.

The rear side is designed to accept standard connectors. The cross bars can be custom coded with positioned holes to accept coding pins or SNCF subracks.

SCHROFF ON BOARD RACKS, FEATURES AND BENEFITS

Welded stainless steel rack design

- Durable, corrosion resistant, vibration resistant

The compact size and narrow width

- Installation of electronics in locations where space is limited, such as train lockers, is ideal for both new installations and retrofit applications

Rigid rack yet open on all sides

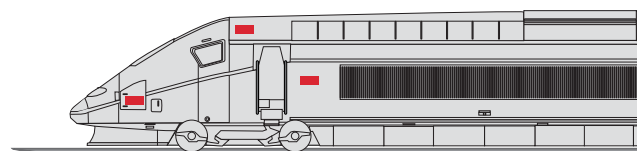
- Light weight and strong supporting energy efficiency
- Installed electronics are easily accessible
- Optimum ventilation and heat dissipation

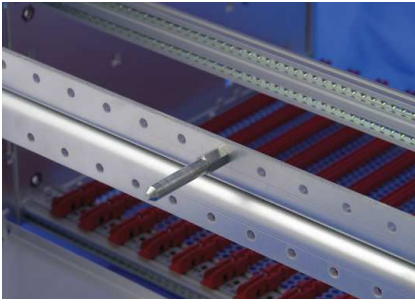
Modular concept

- The On Board Rack can be floor or ceiling mounted, for extra installation flexibility
- Multiple racks can be stacked on top of each other or side-by-side for a wide range of electronics systems

Open on all sides, cross bar with integrated cable bar

- Simplifies organizing cables with cable ties and provides additional stability





The cross bars can be custom coded to only accept the correct subrack.



A side-by-side kit allows attaching multiple On Board Racks sideways.



The stacking kit allows mounting of multiple On Board Racks on top of each other.

INFORMATIONS

Dimensions	Height	Width	Article No.	Weight
3U	156,7 mm	36 HP	10170-015	2 920 g
		84 HP	10170-014	3 950 g
6U	290,0 mm	36 HP	10170-013	3 850 g
		84 HP	10170-012	5 100 g
9U	423,4 mm	36 HP	10170-017	4 800 g
		84 HP	10170-016	6 260 g
Depth	341,8 mm			
Material	2,0 mm stainless steel			
Certifications	Designed according to - NF F 61-005 - CF 61-002 Manufactured per welding certification EN 15085 (CL2) Designed to meet EN 61373			
Accessories	Side-by-side ganging and stacking kit			20170-042

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