



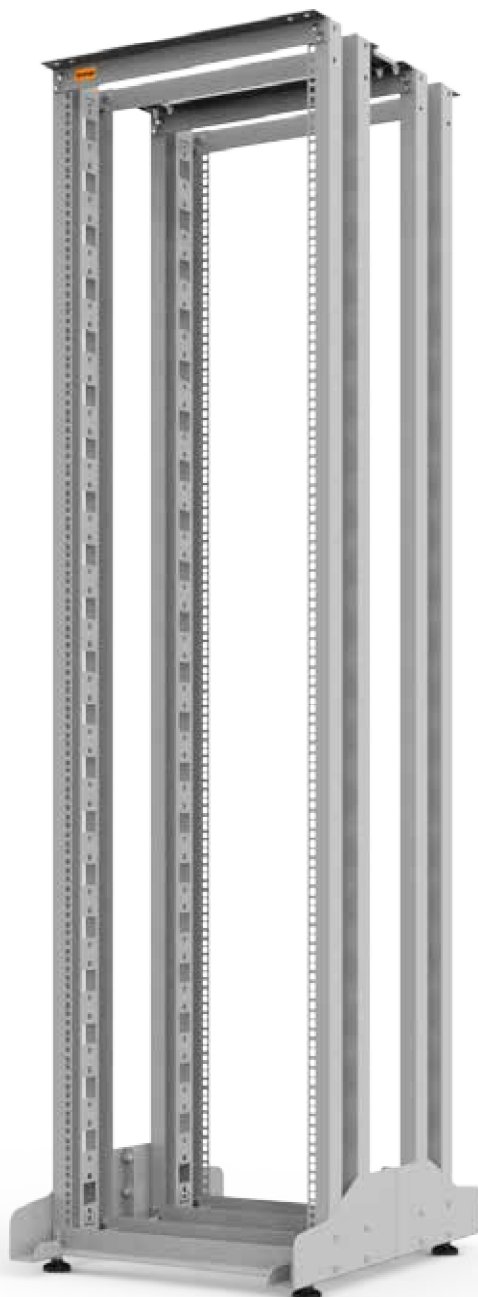
RelayRack

“Highly cost-effective and user friendly 19” Open Frames for numerous applications in Networking”

- Quick & Easy access to the equipments
- Smart options: Single frame / Double frame
- Easy assembling
- Available as flatpack

HIGHLIGHTS

Sturdy 9-fold special frame structure for maximum stability.
 300 kg Load Carrying Capacity.
 Punched uprights in full-length with square holes for usage of standard cable rings.
 Levellingfeet as standard.



DESIGN OPTIONS

- **Single frame**, provides housing for all standard 19” front assembling Devices & Accessories.
- **Double frame (D)**, provides 4 point assembling possibility to house all 19” D=800mm range accessories, with a 180mm Upright width and 820mm depth of the complete frame base.
- **Double frame (D100)**, provides 4 point assembling possibility house 19” server range devices accessories, with a 300mm Upright width and 940mm depth of the complete frame base.



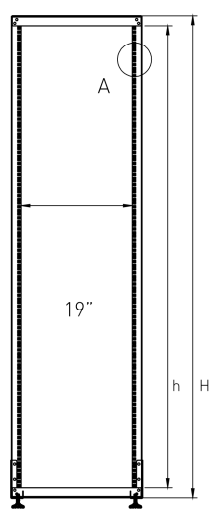
19" RelayRack Open Frames Size Range

Part Number	Product definition	WxDxH (mm)	Inside height (mm)	Flatpackage dimension (mm)
MLRCK 16S	16U 19" D=640 single frame	536x640x826	714,4	720x180x150
MLRCK 22S	22U 19" D=640 single frame	536x640x1092	981,1	1020x180x150
MLRCK 26S	26U 19" D=640 single frame	536x640x1270	1158,9	1255x175x150
MLRCK 36S	36U 19" D=640 single frame	536x640x1715	1603,4	1710x175x150
MLRCK 42S	42U 19" D=640 single frame	536x640x1981	1870,1	1965x175x150
MLRCK 48S	48U 19" D=640 single frame	536x640x2248	2136,8	2240x175x150
MLRCK 16D	16U 19" D=820 double frame	536x820x826	714,4	720x180x150
MLRCK 22D	22U 19" D=820 double frame	536x820x1092	981,1	1020x180x150
MLRCK 26D	26U 19" D=820 double frame	536x820x1270	1158,9	1255x175x150
MLRCK 36D	36U 19" D=820 double frame	536x820x1715	1603,4	1710x175x150
MLRCK 42D	42U 19" D=820 double frame	536x820x1981	1870,1	1965x175x150
MLRCK 48D	48U 19" D=820 double frame	536x820x2248	2136,8	2240x175x150

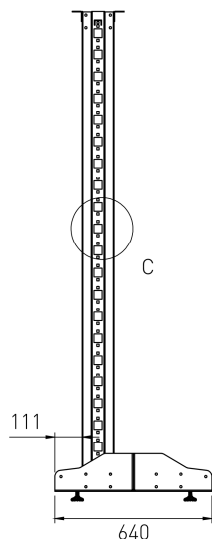
19" RelayRack Open Frames Special Accessories

Part Number	Product definition	WxDxH (mm)
TOP COVER 66	Top cover	Width=530 mm - Depth=530 mm
TOP COVER 88	Top cover	Width=530 mm - Depth=730 mm
TOP COVER 100	Top cover	Width=530 mm - Depth=850 mm
M44 ORG26 RLY	26U Vertical cable management panel 1ea. W=135 mm	135x250x1292
M44 ORG36 RLY	36U Vertical cable management panel 1ea. W=135 mm	135x250x1736
M44 ORG42 RLY	42U Vertical cable management panel 1ea. W=135 mm	135x250x2003
M44 ORG48 RLY	48U Vertical cable management panel 1ea. W=135 mm	135x250x2270
M44 ORG26 RLY G	26U Vertical cable management panel 1ea. W=260 mm	260x250x1292
M44 ORG36 RLY G	36U Vertical cable management panel 1ea. W=260 mm	260x250x1736
M44 ORG42 RLY G	42U Vertical cable management panel 1ea. W=260 mm	260x250x2003
M44 ORG48 RLY G	48U Vertical cable management panel 1ea. W=260 mm	260x250x2270

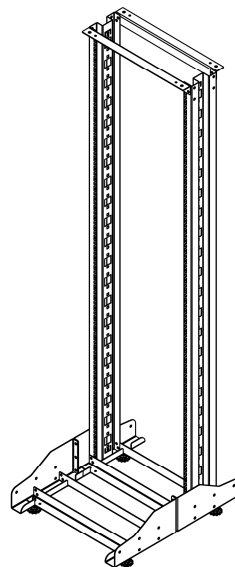
19" RelayRack Open Frames



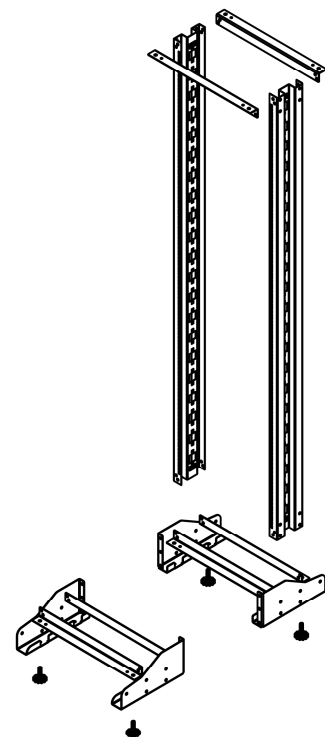
Front view



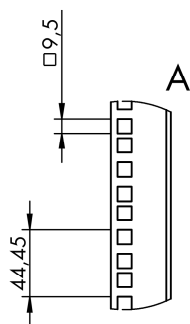
Side view



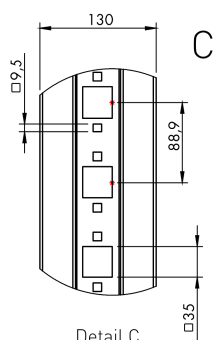
Iso view



Exploded view

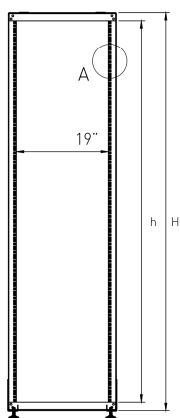


Detail A

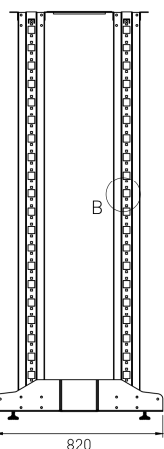


Detail C

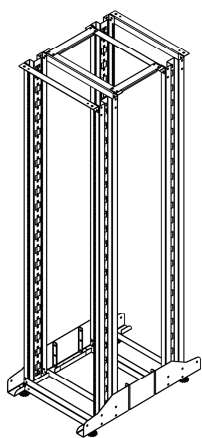
H= Enclosure height



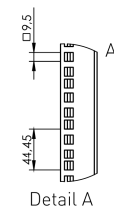
Front view



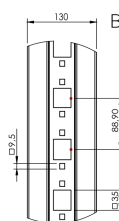
Side view



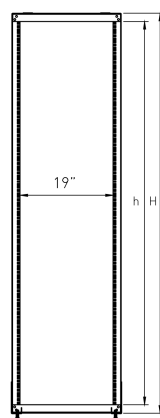
Iso view



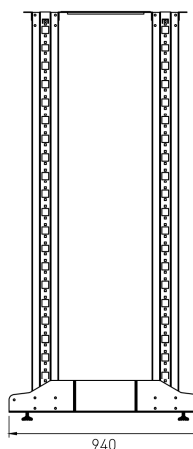
Detail A



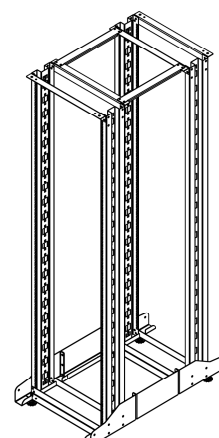
Detail B



Front view



Side view



Iso view

TESTS AND CERTIFICATIONS

Environment

EN61587-1/4.2, IEC60068-2-1, IEC60068-2-2, IEC60068-2-30, IEC60917 and IEC60297

Industrial environment

EN61587-1/4.3, IEC60068-2-42, IEC60068-2-43 and IEC60068-2-49, IEC60068-2-1, IEC60917 and IEC60297

Static mechanical structure load test

EN61587-1 / 5.2.1, IEC60917 and IEC60297

Static mechanical structure stability

EN61587-1 / 5.2.2, IEC60917 and IEC60297

Dynamic load, vibration and mechanical stroke

EN61587-1 / 5.3.1, EN61587-1 / 5.3.3, IEC60917, IEC60297, IEC62208

Grounding continuity

EN61587-1 / 6.2, IEC60917 and IEC60297

Fire and flame resistance

EN61587-1 / 6.3, IEC60917 and IEC60297

Corrosion

ISO9227 and ASTM B 117-85, IEC60917 and IEC60297

Transportation

ETS300019-1-2 Class2.3

Storage

ETS300019-1-1 Class1.2

Security

EN60950_LVD

PURCHASED PRODUCT CERTIFICATIONS

Sheet steel

DIN EN 10130 – 99 Ereğli DC- 01 6112, 7122, RoHS

Electrostatic powder coating

ISO 9001, ISO 2178, ISO 2813, ISO 6272, ISO 8130-5, ISO 8130-3, RoHS

Fixings

DIN 7985, DIN 965, DIN 7981, DIN 934, DIN 985, DIN 933, RoHS

Casters

TS EN 12530, TS EN 12532, RoHS

STANDARD PRODUCT

Standard colour

Black: RAL 9005, Gray: RAL 7035

Framework

Top and bottom base units

Solid metal 2,5 mm

Horizontal support on base and top

Solid metal 2,5 mm

Extension units (D=180 mm D=300 mm)

Solid metal 2,5 mm

Uprights - frame

Solid metal, 1,5 mm

Uprights construction

Tightly fixed into top brackets and bottom base units
6 times folded, total 7 bend surfaces

KEY FEATURES

- Main framework is of a structure which increase the mechanical resistance with maximal performance, manufactured Omega style profile system, connected to top bracket units and bottom base units with heavy duty fixing hardware ensuring framework stability. Manufactured and tested to provide axial (x, y, z) resistance that meets EN 61587-1 / 5.2.1 and 5.2.2, external impact resistance that meets EN 61587-1 / 5.3.3.

- With optional top covers, the system can give the appearance of a closet, as well as offering resistance against falling dust on to installed equipment.

- Designed for use a minimally dusty, climatized, and security controlled environment, the system provides a very cost efficient solution.

- The system is shipped in flat pack with a superior transport cost scheme.

- Levelling feet are standard for stability. The cabinet shall meet standards EN 61587-1, IEC 60917, IEC 60297 and RoHS compliant, shall be EAC and TSE certified.

Custom number

85380000 / 85381000 / 853710990019

Packs of (ea.)

1

Shipping structure

Flat pack

Mounting surface

Stand alone

Certification on product

TSE, EAC

Surface finish

Electrostatic powder coated c/with surface treatment , 80 +/- 5 micron paint thickness and tested according to IEC 60068-2-1, 2-2, 2-30, 2-42, 2-43, 2-49, 2-11

