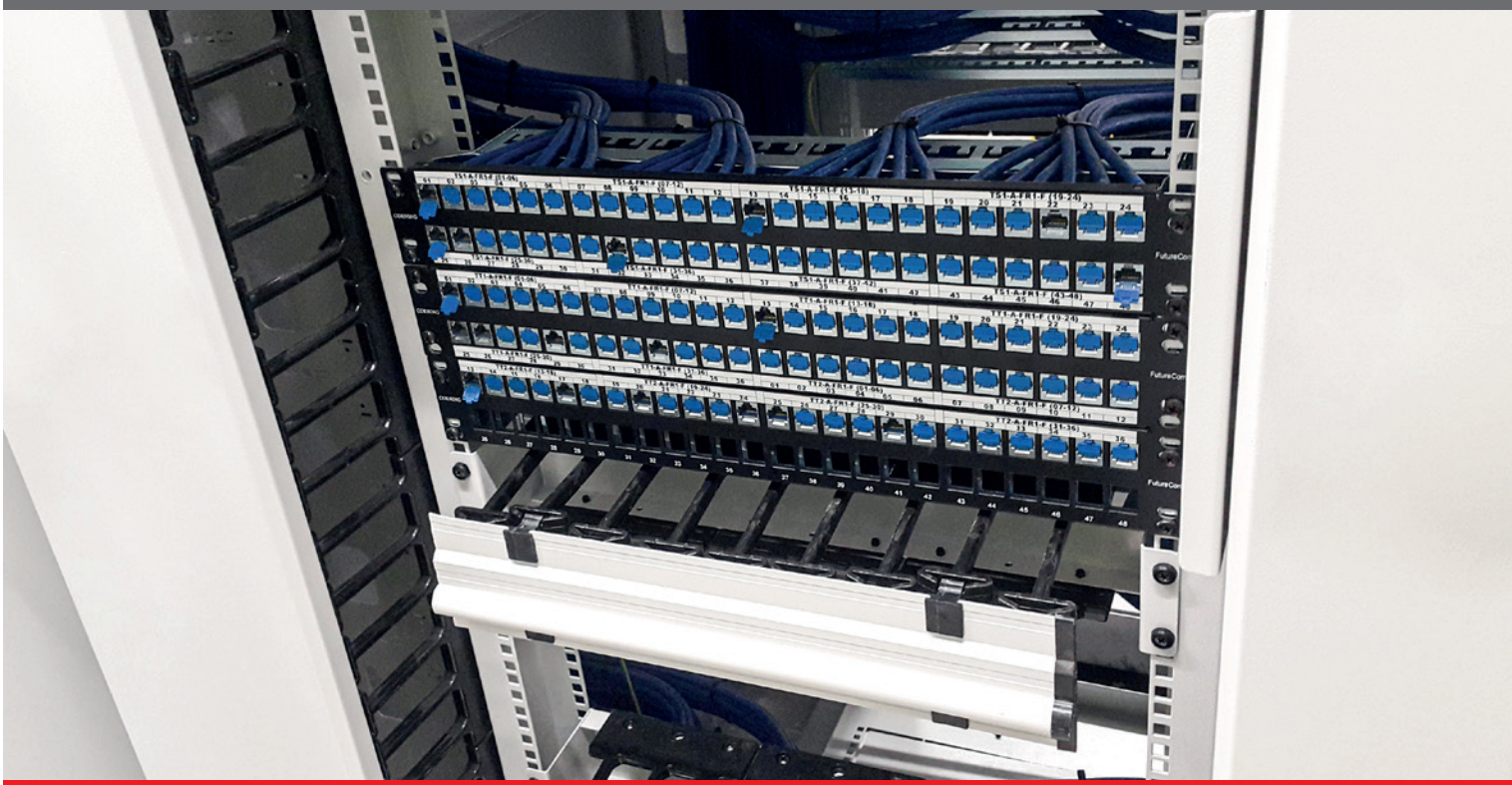


19" DYNAframe High Density Open Frame System Racks



19" DYNAframe

High Density Open Frame System Racks

6-7

19" DYNAframe High Density Open Frame System Racks
Single Frames d:80 mm Frame Unit W:530 mm D:380 mm



8-9

19" DYNAframe High Density Open Frame System Racks
Single Frames d:160 mm Frame Unit W:530 mm D:460 mm



10-11

19" DYNAframe High Density Open Frame System Racks
Double Frames d:80 mm Frame Unit W:530 mm D:670 mm



12-13

19" DYNAframe High Density Open Frame System Racks
Double Frames d:80 mm Frame Unit W:530 mm D:870 mm



14-15

19" DYNAframe High Density Open Frame System Racks
Double Frames d:80 mm Frame Unit W:530 mm D:1070 mm



16-23

19" DYNAframe High Density Open Frame System Racks
Finger Type Cable Manager W:135/270 mm Applications



19" DYNAframe

High Density Open Frame System Racks Family

DYNAframe Series Open Frame System Racks offered for networking and server applications, where there is no requirement for a closed enclosures applications include data centers, laboratories, clean rooms.

Plus ideal if just cabling and passive networking equipment the DYNAframe provides a very cost effective solution, which is flexible and easy to assembly. Whilst the DYNAframe product gives maximum performance on server and networking infrastructure applications it provides an economic solution compared to its quality which is based on high technologic fully automated production.

The product range is available in 5 heights from 27U through 48U. The product height portfolio meets most U requirements in infrastructure applications.

The product range is designed to achieve environmental standards. The DYNAframe is available in two colours RAL 9005 Black and RAL 7035 Light Grey, with fine textured paint finish.

Available Ex-stock supplied as flat packed product with adjustable feet included. The flat pack design allows economic transport costs.

DYNAframe Series product range has optimal panel mounting size and options for a variety range of accessories, including cable management accessories and shelves.



19" DYNAframe

High Density Open Frame System Racks

Family

Construction details:

Main Profile - Framework- Top / Bottom Frame:

Manufactured from 2.0mm steel using Automated bending technology.

The connection L supports on top and bottom are manufactured using 4,0 mm thick steel.



Options to fit Castors or levelling feet into pre-drilled 12 mm diameter holes.



DYNAframe Series Open Frame System Racks have a professional aesthetic look with the option of RAL 9005 Black or RAL 7035 Light Grey with fine textured paint finish.

Fully modular structure, easy assembly and flat pack supply. Easy assembly 8 minutes for double frame and 3 minutes for single frame can be achieved.

The Heavy duty design of the frames and L supports results to high load capacity of: 600 kg.

The Two frame models are available, d:80 mm and d:160 mm. The Single frame model can be created from both d:80 mm and d:160 mm frames. Double section segment is created from d:80 mm frames, d:160 mm frames are needed when front and rear looking double cable management modules are installed.

With depth frame connection brackets, D:670 mm, D:870 mm, D:1070 mm double frames can also be configured.

All free standing shelving accessories are compatible with the double frame system racks, selection of shelves are as per the depth information mentioned in the accessories section and compatibility charts.

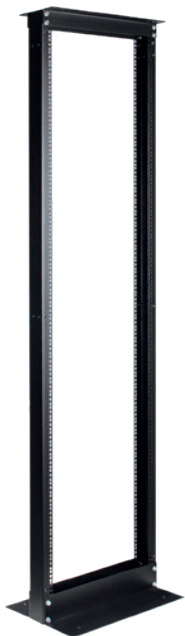


19" DYNAframe

High Density Open Frame System Racks Family

Product types:

DYNAframe Single Open Frame System Rack with d80 mm Frame Unit.



DYNAframe Double Open Frame System Rack with d80 mm Frame Unit has depth: 670 mm, 870 mm, 1070 mm.



Depth: 670 mm



Depth: 870 mm

DYNAframe Single Open Frame System Rack with d160 mm Frame Unit.



Depth: 1070 mm

19" DYNAframe

High Density Open Frame System Racks
Single Frames d:80 mm Frame Unit

Width: 530 mm
Depth: 380 mm

Load Capacity: 600 kg.

U Height: 27U, 36U, 42U, 45U, 48U

Standards and Compliances:



ISO 9001
Quality Management System

EN 61587-1
Mechanical Structures for
Electronic Equipment

EN IEC 60297, 19" Mounting
EN IEC 60917 Overall Cabinet
Dimensions

EIA/ ECA-310 (D/E) 19" 482,6 mm
and U 44,45 mm Height Sizing



CE conform to
EN 60950-1
Information Technology
Equipment, Safety,
Part-1: General Requirement

EN IEC 62368-1 Audio/Video, Information
and Communication Technology
Equipment
Part 1: Safety requirements



UL listed to
UL 2416, Outline of Investigation for
Audio/Video, Information and
Communication Technology Equipment
Cabinet, Enclosure and Rack
Systems; UL 60950-1 and CSA C22.2
NO. 60950-1-07, Information Technology
Equipment Safety
Part 1: General Requirements



Environment Friendly;
ISO 14001 Environmental
Management System
RoHS compliancy
100% Recyclable Material



ISO 45001
**The Occupational Health and Safety
Management System**

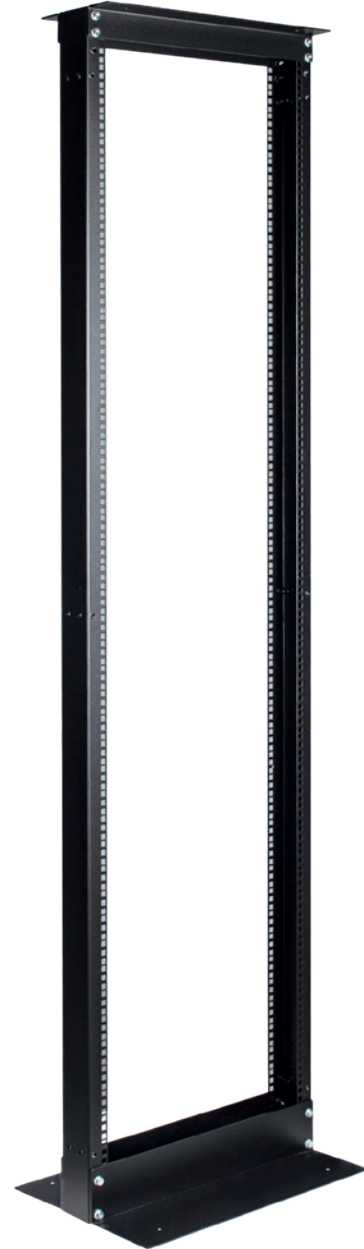
Standard Color:



RAL 7035 Light Grey



RAL 9005 Black



DYNAframe Series Open Frame System Racks Networking Frames are with 19" w:530 mm and d:380 mm base L parts size, physical sizes, 5 different heights, gives a wide selection for users.

Single frame depth is mentioned as the depth of base frame, the depth of frame unit is 80 mm.

19" DYNAframe

High Density Open Frame System Racks

Single Frames d:80 mm Frame Unit

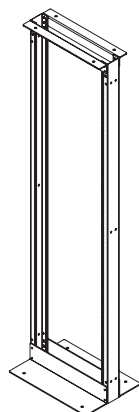
Construction Drawings

Width: 530 mm

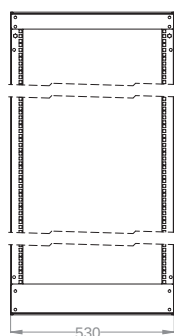
Depth: 380 mm



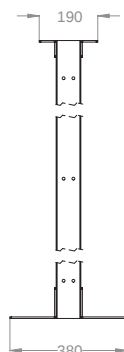
Bottom view



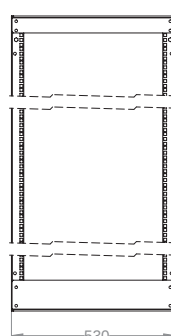
Isometric view



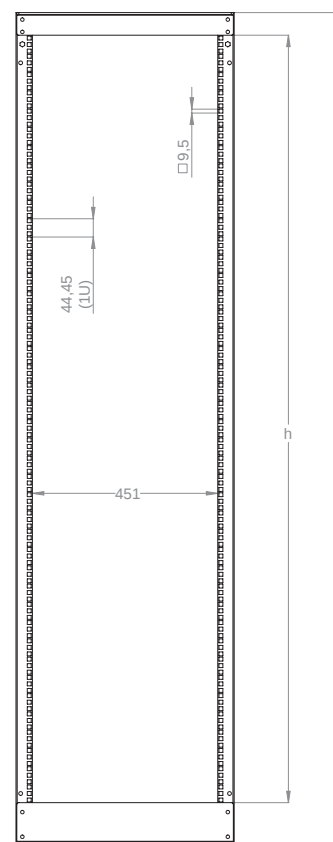
Front view



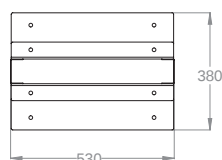
Side view



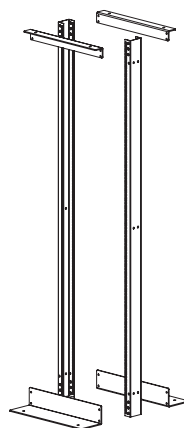
Rear view



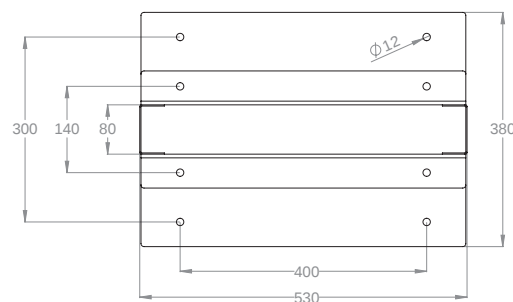
Dimensions in width and height



Top view



Exploded view



Top view
Mounting dimensions

19" DYNAframe Open Frame System Racks Single Frames d=80 mm Frame Unit W=530 mm D=380 mm

Product Number*	Product Description	Size WxDxH mm	h Size in U	h in mm	H mm, overall without feet and/or castor	Width Overall mm	Width Rail to Rail	Depth Overall mm	Depth of Rail	PACKING DIMENSIONS WxDxH mm	QTY IN PALLET	Standard NET Weight of Product kgs	Gross Weight of Product kgs
LN-OF27USD380-CC	27U D=80 mm Frame Single Frame Open System Rack D=380 mm	530x380x1356	27U	1200	1356	530	19"	380	80	165x120x1375	1	20	21
LN-OF36USD380-CC	36U D=80 mm Frame Single Frame Open System Rack D=380 mm	530x380x1756	36U	1600	1756	530	19"	380	80	165x120x1775	1	22,5	23,5
LN-OF42USD380-CC	42U D=80 mm Frame Single Frame Open System Rack D=380 mm	530x380x2022	42U	1867	2022	530	19"	380	80	165x120x2040	1	23,5	24
LN-OF45USD380-CC	45U D=80 mm Frame Single Frame Open System Rack D=380 mm	530x380x2156	45U	2000	2155	530	19"	380	80	165x120x2175	1	24,1	25,6
LN-OF48USD380-CC	48U D=80 mm Frame Single Frame Open System Rack D=380 mm	530x380x2289	48U	2133	2289	530	19"	380	80	165x120x2310	1	24,7	26,2

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

19" DYNAframe

High Density Open Frame System Racks
Single Frames d:160 mm Frame Unit

Width: 530 mm
Depth: 460 mm

Load Capacity: 600 kg.

U Height: 27U, 36U, 42U, 45U, 48U

Standards and Compliances:



ISO 9001
Quality Management System

EN 61587-1
Mechanical Structures for
Electronic Equipment

EN IEC 60297, 19" Mounting
EN IEC 60917 Overall Cabinet
Dimensions

EIA/ ECA-310 (D/E) 19" 482,6 mm
and U 44,45 mm Height Sizing



CE conform to
EN 60950-1
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EN IEC 62368-1 Audio/Video, Information
and Communication Technology
Equipment
Part 1: Safety requirements



UL listed to
UL 2416, Outline of Investigation for
Audio/Video, Information and
Communication Technology Equipment
Cabinet, Enclosure and Rack
Systems; UL 60950-1 and CSA C22.2
NO. 60950-1-07, Information Technology
Equipment Safety
Part 1: General Requirements



Environment Friendly;
ISO 14001 Environmental
Management System
RoHS compliancy
100% Recyclable Material



ISO 45001
**The Occupational Health and Safety
Management System**

Standard Color:



RAL 7035 Light Grey



RAL 9005 Black



DYNAframe Series Open Frame System Racks Networking Frames are with 19" w:530 mm and d:460 mm base L parts size, physical sizes, 5 different heights, gives a wide selection for users.

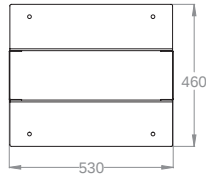
Single frame depth is mentioned as the depth of base frame, the depth of frame unit is 160 mm.

19" DYNAframe

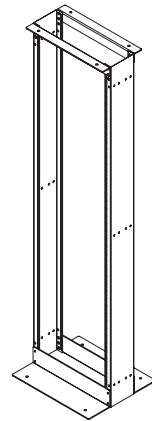
High Density Open Frame System Racks
Single Frames d:160 mm Frame Unit

Construction Drawings

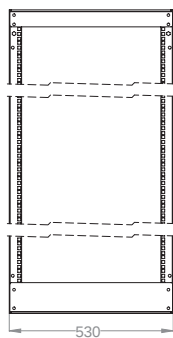
Width: 530 mm
Depth: 460 mm



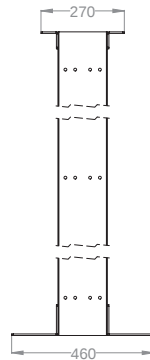
Bottom view



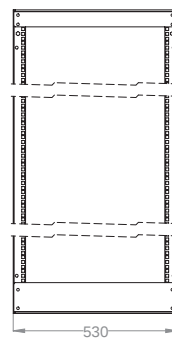
Isometric view



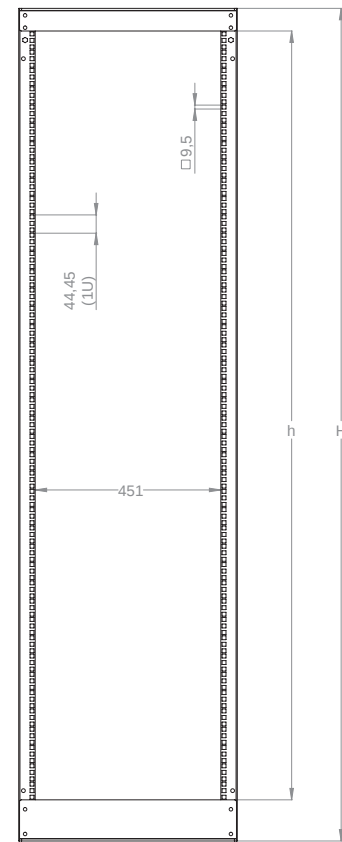
Front view



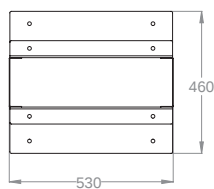
Side view



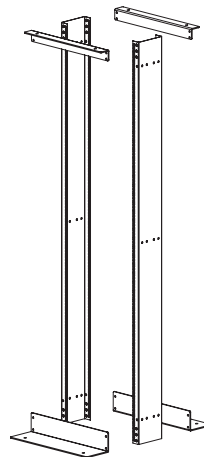
Rear view



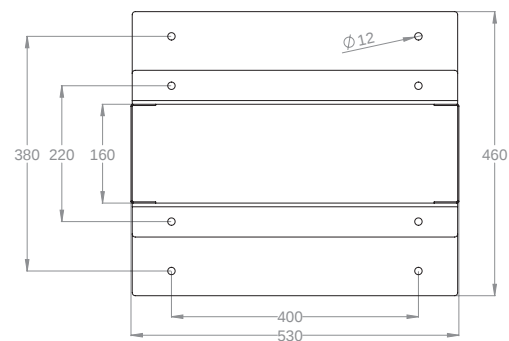
Dimensions in width and height



Top view



Exploded view



Top view
Mounting dimensions

19" DYNAframe Open Frame System Racks Single Frames d=160 mm Frame Unit W=530 mm D=460 mm

Product Number*	Product Description	Size WxDxH mm	h Size in U	h in mm	H mm, overall without feet and/or castor	Width Overall mm	Width Rail to Rail	Depth Overall mm	Depth of Rail	PACKING DIMENSIONS WxDxH mm	QTY IN PALLET	Standard NET Weight of Product kgs	Gross Weight of Product kgs
LN-OF27USD460-CC	27U D=160 mm Frame Single Frame Open System Rack D=460 mm	530x460x1356	27U	1200	1356	530	19"	460	160	190x115x1375	1	23,2	24
LN-OF36USD460-CC	36U D=160 mm Frame Single Frame Open System Rack D=460 mm	530x460x1756	36U	1600	1756	530	19"	460	160	190x115x1775	1	26,5	27,4
LN-OF42USD460-CC	42U D=160 mm Frame Single Frame Open System Rack D=460 mm	530x460x2022	42U	1867	2022	530	19"	460	160	190x115x2040	1	28,5	29,5
LN-OF45USD460-CC	45U D=160 mm Frame Single Frame Open System Rack D=460 mm	530x460x2156	45U	2000	2155	530	19"	460	160	190x115x2175	1	29,5	30,8
LN-OF48USD460-CC	48U D=160 mm Frame Single Frame Open System Rack D=460 mm	530x460x2289	48U	2133	2289	530	19"	460	160	190x115x2310	1	30,5	32

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

19" DYNAframe

High Density Open Frame System Racks
Double Frames d:80 mm Frame Unit

Width: 530 mm
Depth: 670 mm

Load Capacity: 600 kg.

U Height: 27U, 36U, 42U, 45U, 48U

Standards and Compliances:



ISO 9001
Quality Management System

EN 61587-1
Mechanical Structures for
Electronic Equipment

EN IEC 60297, 19" Mounting
EN IEC 60917 Overall Cabinet
Dimensions

EIA/ ECA-310 (D/E) 19" 482,6 mm
and U 44,45 mm Height Sizing



CE conform to
EN 60950-1
Information Technology
Equipment, Safety,
Part-1: General Requirement

EN IEC 62368-1 Audio/Video, Information
and Communication Technology
Equipment
Part 1: Safety requirements



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Audio/Video, Information and
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Cabinet, Enclosure and Rack
Systems; UL 60950-1 and CSA C22.2
NO. 60950-1-07, Information Technology
Equipment Safety
Part 1: General Requirements



Environment Friendly;
ISO 14001 Environmental
Management System
RoHS compliancy
100% Recyclable Material



ISO 45001
**The Occupational Health and Safety
Management System**

Standard Color:



RAL 7035 Light Grey



RAL 9005 Black



DYNAframe Series Open Frame System Racks Networking Frames are with 19" w:530 mm and d:670 mm base L parts size, physical sizes, 5 different heights, gives a wide selection for users. The connection part between frames are changeable for maintaining the D:670 mm depths which are variants of having the same accessories of the standard cabinets depth of frame is 80 mm, where base L parts overall depth is D:670 mm.

Top and bottom frame cases has 19" provision of 3U for 670 mm depth configurations where suitable purpose 19" cable management accessories can be positioned for cable management.

19" DYNAframe

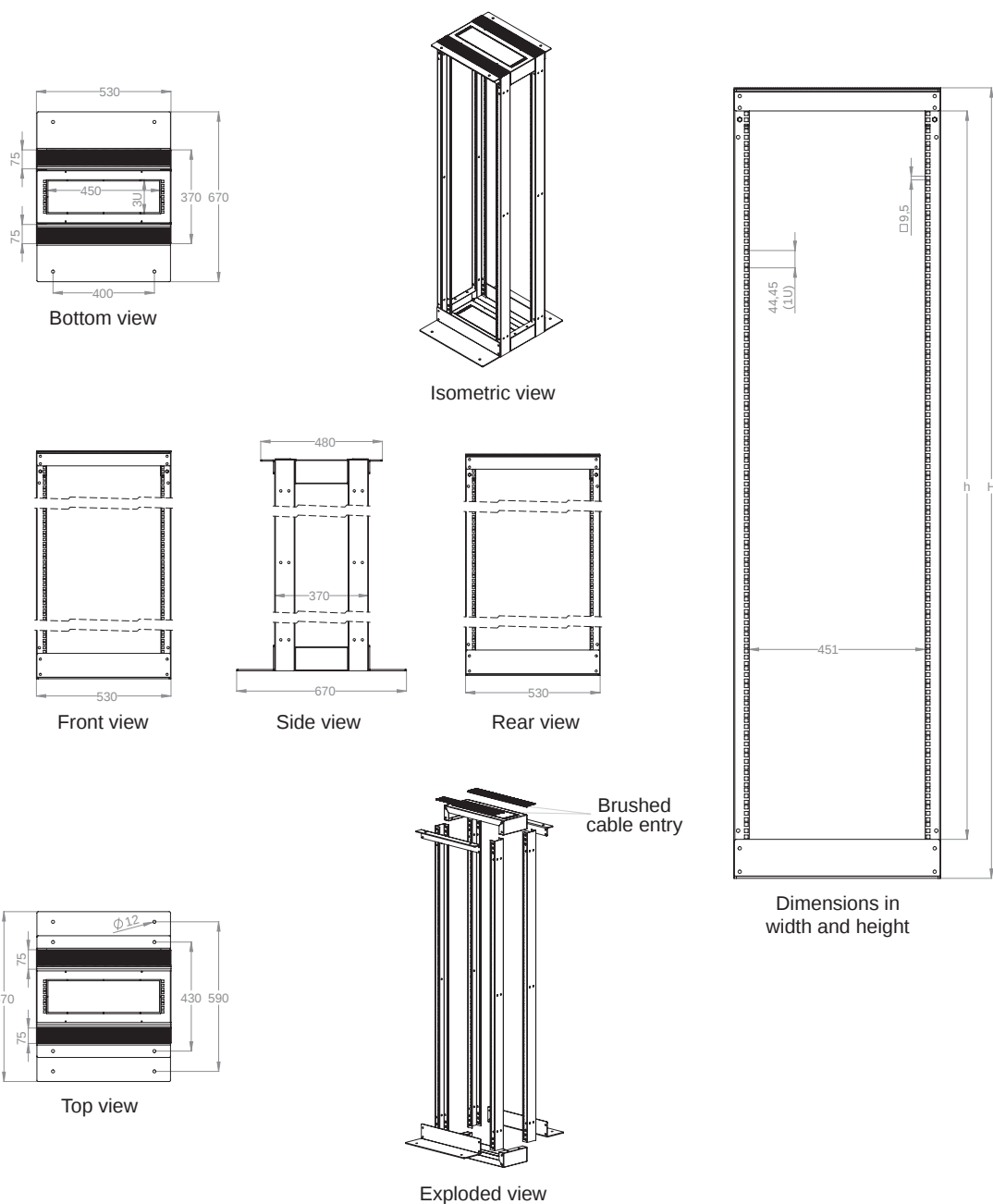
High Density Open Frame System Racks

Double Frames d:80 mm Frame Unit

Construction Drawings

Width: 530 mm

Depth: 670 mm



19" DYNAframe Open Frame System Racks Double Frames d=80 mm Frame Unit W=530 mm D=670 mm

Product Number*	Product Description	Size WxDxH mm	h Size in U	h in mm	H mm, overall without feet and/or castor	Width Overall mm	Width Rail to Rail	Depth Overall mm	Depth of Rail	PACKING DIMENSIONS WxDxH mm	QTY IN PALLET	Standard NET Weight of Product kgs	Gross Weight of Product kgs
LN-OF27UDD670-CC	27U D=80 mm Frame Double Frame Open System Rack D=670 mm	530x670x1356	27U	1200	1356	530	19"	670	370	165x150x1375	1	32,3	33,3
LN-OF36UDD670-CC	36U D=80 mm Frame Double Frame Open System Rack D=670 mm	530x670x1756	36U	1600	1756	530	19"	670	370	165x150x1775	1	36,6	37,8
LN-OF42UDD670-CC	42U D=80 mm Frame Double Frame Open System Rack D=670 mm	530x670x2022	42U	1867	2022	530	19"	670	370	165x150x2040	1	39,1	41
LN-OF45UDD670-CC	45U D=80 mm Frame Double Frame Open System Rack D=670 mm	530x670x2156	45U	2000	2155	530	19"	670	370	165x150x2175	1	40,4	42,5
LN-OF48UDD670-CC	48U D=80 mm Frame Double Frame Open System Rack D=670 mm	530x670x2289	48U	2133	2289	530	19"	670	370	165x150x2310	1	41,7	43,8

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

19" DYNAframe

High Density Open Frame System Racks
Double Frames d:80 mm Frame Unit

Width: 530 mm
Depth: 870 mm

Load Capacity: 600 kg.

U Height: 27U, 36U, 42U, 45U, 48U

Standards and Compliances:



ISO 9001
Quality Management System

EN 61587-1
Mechanical Structures for
Electronic Equipment

EN IEC 60297, 19" Mounting
EN IEC 60917 Overall Cabinet
Dimensions

EIA/ ECA-310 (D/E) 19" 482,6 mm
and U 44,45 mm Height Sizing



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Equipment Safety
Part 1: General Requirements



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ISO 45001
**The Occupational Health and Safety
Management System**

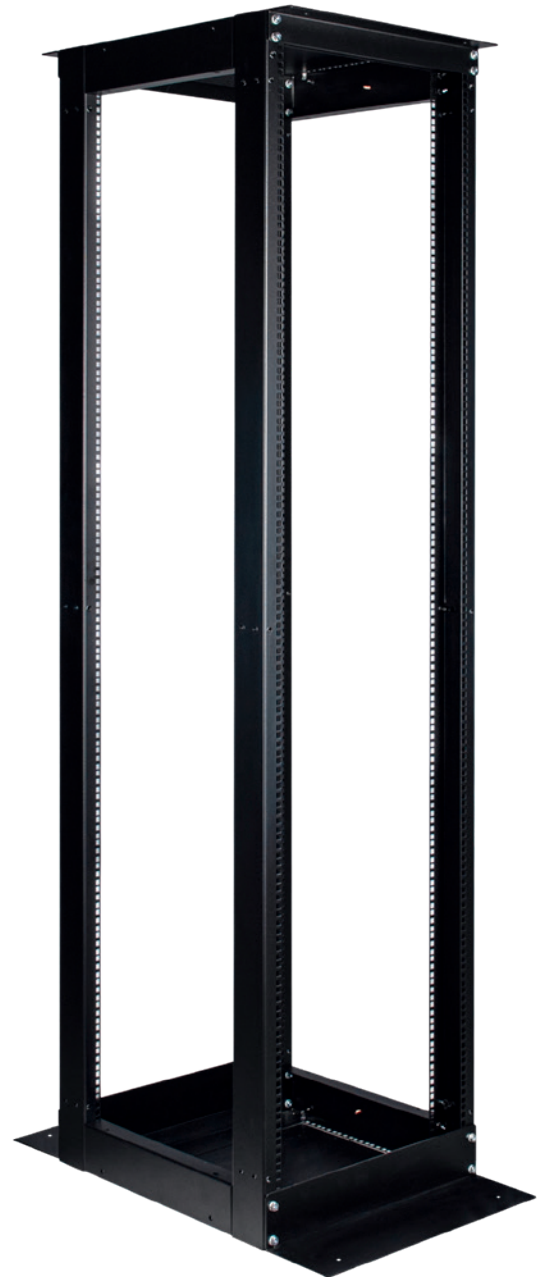
Standard Color:



RAL 7035 Light Grey



RAL 9005 Black



DYNAframe Series Open Frame System Racks Networking Frames are with 19" w:530 mm and d:870 mm base L parts size, physical sizes, 5 different heights, gives a wide selection for users. The connection part between frames are changeable for maintaining the D:870 mm depths which are variants of having the same accessories of the standard cabinets depth of frame is 80 mm, where base L parts overall depth is D:870 mm.

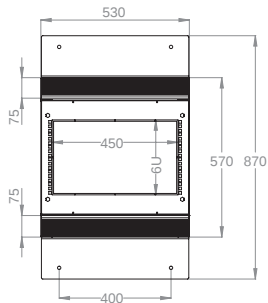
Top and bottom frame cases has 19" provision of 6U for 870 mm depth configurations where suitable purpose 19" cable management accessories can be positioned for cable management.

19" DYNAframe

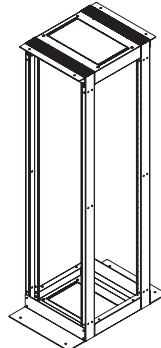
High Density Open Frame System Racks
Double Frames d:80 mm Frame Unit

Construction Drawings

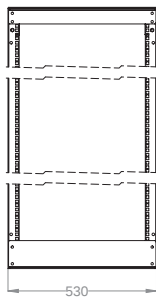
Width: 530 mm
Depth: 870 mm



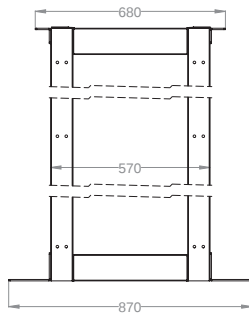
Bottom view



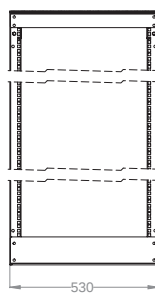
Isometric view



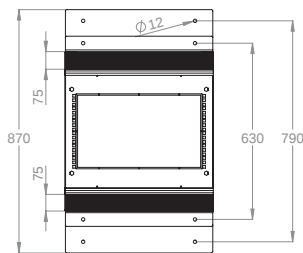
Front view



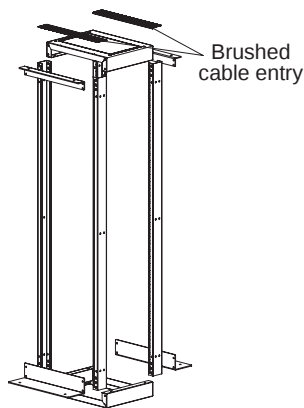
Side view



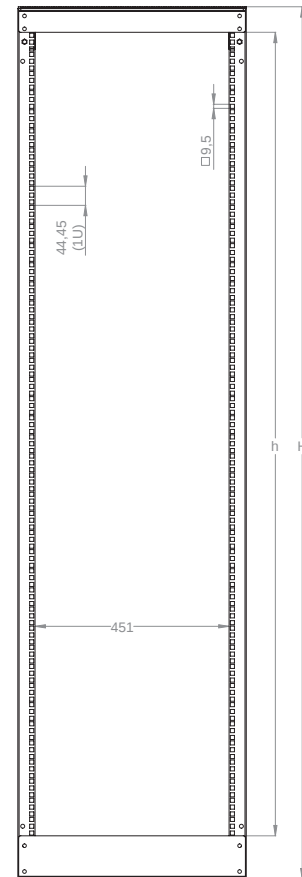
Rear view



Top view



Exploded view



Dimensions in width and height

19" DYNAframe Open Frame System Racks Double Frames d=80 mm Frame Unit W=530 mm D=870 mm

Product Number*	Product Description	Size WxDxH mm	h Size in U	h in mm	H mm, overall without feet and/or castor	Width Overall mm	Width Rail to Rail	Depth Overall mm	Depth of Rail	PACKING DIMENSIONS WxDxH mm	QTY IN PALLET	Standard NET Weight of Product kgs	Gross Weight of Product kgs
LN-OF27UDD870-CC	27U D=80 mm Frame Double Frame Open System Rack D=870 mm	530x870x1356	27U	1200	1356	530	19"	870	570	165x150x1375	1	34,2	35,2
LN-OF36UDD870-CC	36U D=80 mm Frame Double Frame Open System Rack D=870 mm	530x870x1756	36U	1600	1756	530	19"	870	570	165x150x1775	1	38,4	40
LN-OF42UDD870-CC	42U D=80 mm Frame Double Frame Open System Rack D=870 mm	530x870x2022	42U	1867	2022	530	19"	870	570	165x150x2040	1	41	43
LN-OF45UDD870-CC	45U D=80 mm Frame Double Frame Open System Rack D=870 mm	530x870x2156	45U	2000	2155	530	19"	870	570	165x150x2175	1	42,3	44,5
LN-OF48UDD870-CC	48U D=80 mm Frame Double Frame Open System Rack D=870 mm	530x870x2289	48U	2133	2289	530	19"	870	570	165x150x2310	1	43,5	46

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

19" DYNAframe

High Density Open Frame System Racks
Double Frames d:80 mm Frame Unit

Width: 530 mm
Depth: 1070 mm

Load Capacity: 600 kg.

U Height: 27U, 36U, 42U, 45U, 48U

Standards and Compliances:



ISO 9001
Quality Management System

EN 61587-1
Mechanical Structures for
Electronic Equipment

EN IEC 60297, 19" Mounting
EN IEC 60917 Overall Cabinet
Dimensions

EIA/ ECA-310 (D/E) 19" 482,6 mm
and U 44,45 mm Height Sizing



CE conform to
EN 60950-1
Information Technology
Equipment, Safety,
Part-1: General Requirement

EN IEC 62368-1 Audio/Video, Information
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Equipment
Part 1: Safety requirements



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Cabinet, Enclosure and Rack
Systems; UL 60950-1 and CSA C22.2
NO. 60950-1-07, Information Technology
Equipment Safety
Part 1: General Requirements



Environment Friendly;
ISO 14001 Environmental
Management System
RoHS compliancy
100% Recyclable Material



ISO 45001
The Occupational Health and Safety
Management System

Standard Color:



RAL 7035 Light Grey



RAL 9005 Black



DYNAframe Series Open Frame System Racks Networking Frames are with 19" w:530 mm and d:1070 mm base L parts size, physical sizes, 5 different heights, gives a wide selection for users. The connection part between frames are changeable for maintaining the D:1070 mm depths which are variants of having the same accessories of the standard cabinets depth of frame is 80 mm, where base L parts overall depth is D:1070 mm.

Top and bottom frame cases has 19" provision of 9U for 1070 mm depth configurations where suitable purpose 19" cable management accessories can be positioned for cable management.

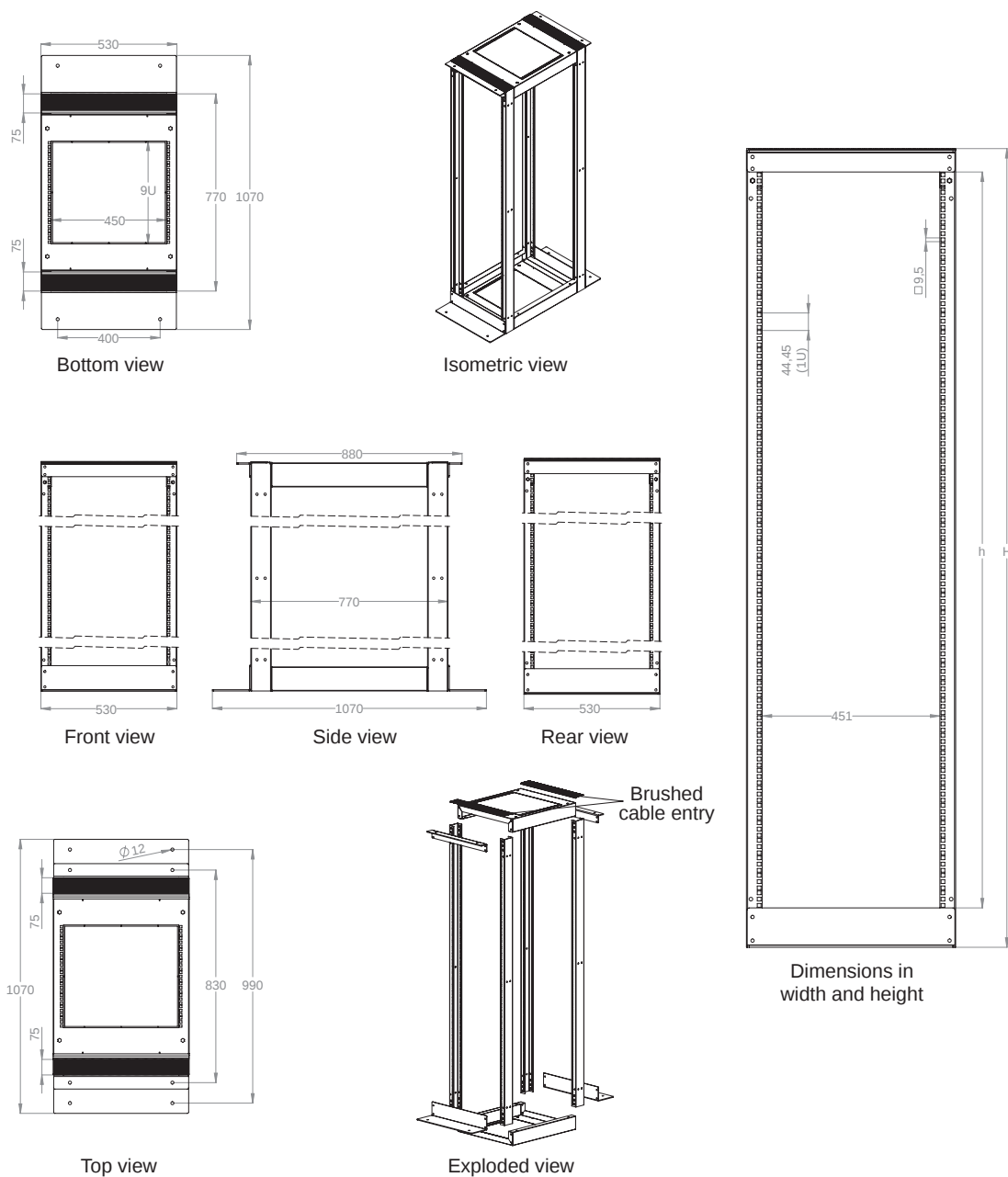
19" DYNAframe

High Density Open Frame System Racks

Double Frames d:80 mm Frame Unit

Construction Drawings

Width: 530 mm
Depth: 1070 mm



19" DYNAframe Open Frame System Racks Double Frames d=80 mm Frame Unit W=530 mm D=1070 mm

Product Number*	Product Description	Size WxDxH mm	h Size in U	h in mm	H mm, overall without feet and/or castor	Width Overall mm	Width Rail to Rail	Depth Overall mm	Depth of Rail	PACKING DIMENSIONS WxDxH mm	QTY IN PALLET	Standard NET Weight of Product kgs	Gross Weight of Product kgs
LN-OF27UDD1070-CC	27U D=80 mm Frame Double Frame Open System Rack D=1070 mm	530x1070x1356	27U	1200	1356	530	19"	1070	770	165x150x1375	1	36	37
LN-OF36UDD1070-CC	36U D=80 mm Frame Double Frame Open System Rack D=1070 mm	530x1070x1756	36U	1600	1756	530	19"	1070	770	165x150x1775	1	40,2	42
LN-OF42UDD1070-CC	42U D=80 mm Frame Double Frame Open System Rack D=1070 mm	530x1070x2022	42U	1867	2022	530	19"	1070	770	165x150x2040	1	52,8	55
LN-OF45UDD1070-CC	45U D=80 mm Frame Double Frame Open System Rack D=1070 mm	530x1070x2156	45U	2000	2155	530	19"	1070	770	165x150x2175	1	44,1	46,3
LN-OF48UDD1070-CC	48U D=80 mm Frame Double Frame Open System Rack D=1070 mm	530x1070x2289	48U	2133	2289	530	19"	1070	770	165x150x2310	1	45,2	47,8

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

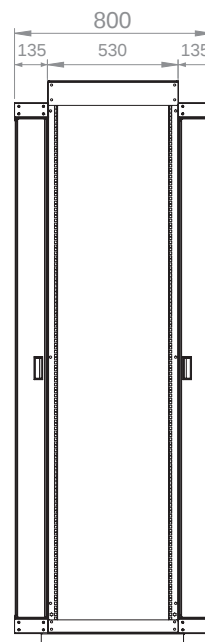
19" DYNAframe

High Density Open Frames and System Racks

Width: 135 / 270 mm
Finger Type Cable Manager

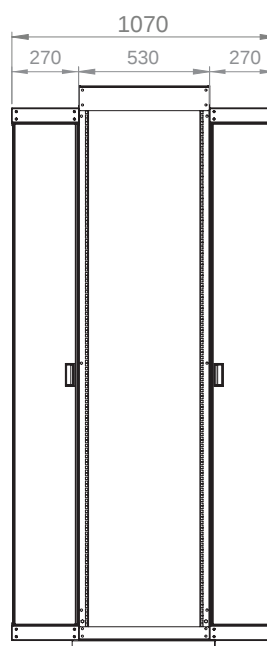
Vertical Cable Management Panels for DYNAframe Open Frames W=135 mm D=250 mm		
Product Number*	Product Description	Size WxDxH mm
LN-KDG-OFR-27U135-CC	W=135 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 27U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	135x250x1345
LN-KDG-OFR-36U135-CC	W=135 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 36U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	135x250x1745
LN-KDG-OFR-42U135-CC	W=135 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 42U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	135x250x2011
LN-KDG-OFR-45U135-CC	W=135 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 45U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	135x250x2145
LN-KDG-OFR-48U135-CC	W=135 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 48U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	135x250x2278

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.



Vertical Cable Management Panels for DYNAframe Open Frames W=270 mm D=250 mm		
Product Number*	Product Description	Size WxDxH mm
LN-KDG-OFR-27U270-CC	W=270 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 27U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	270x250x1345
LN-KDG-OFR-36U270-CC	W=270 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 36U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	270x250x1745
LN-KDG-OFR-42U270-CC	W=270 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 42U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	270x250x2011
LN-KDG-OFR-45U270-CC	W=270 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 45U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	270x250x2145
LN-KDG-OFR-48U270-CC	W=270 mm D=250 mm Vertical Cable Management Panel for Open Frames, Finger Type Cable Manager Application Module 48U, 1 pcs Hinged Reversible Front Steel Door with Magnet Locking	270x250x2278

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.



19" DYNAframe Open Frames Top Header Unit		
Product Number*	Product Description	Size WxDxH mm
LN-KDG-OFR-5717-CC	Top Cable Through Header Unit	606x169x60

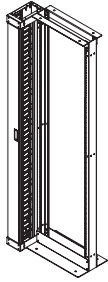
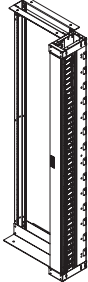
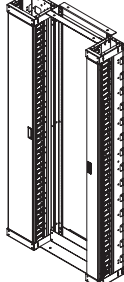
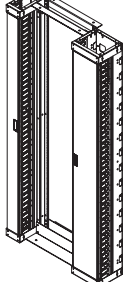
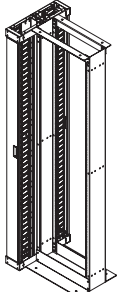
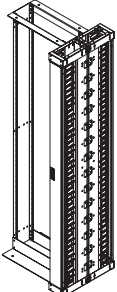
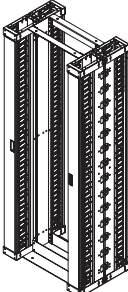
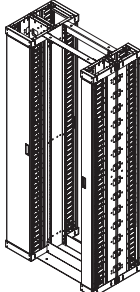
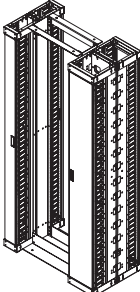
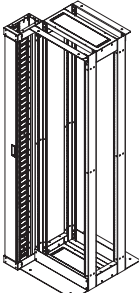
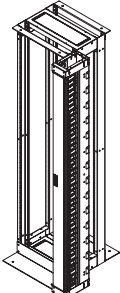
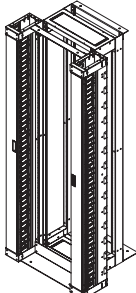
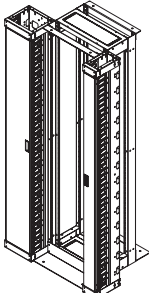
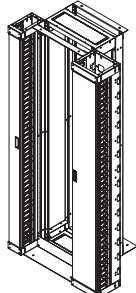
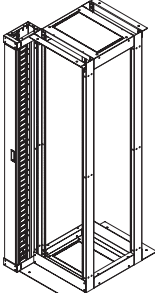
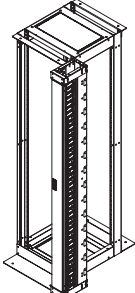
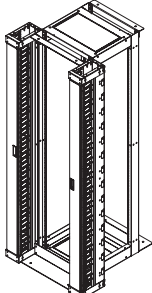
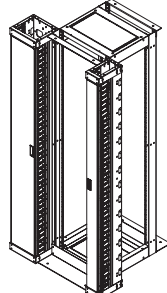
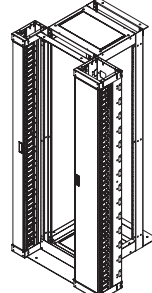
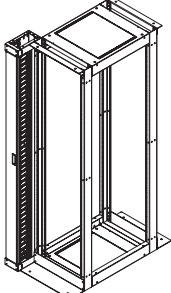
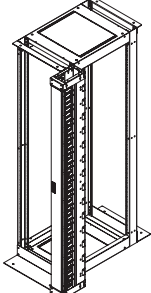
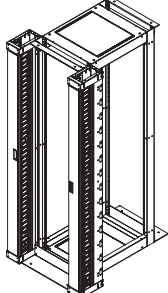
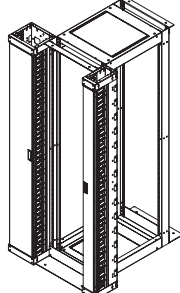
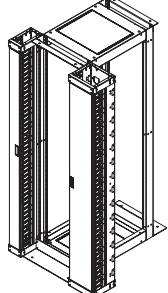
*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.



19" DYNAframe

High Density Open Frame System Racks d:80 mm Frame Unit

Finger Type Cable Manager Application Module w:135 mm / w:270 mm

Product Type	W:135 mm D:250 mm Vertical Cable Management Left	W:135 mm D:250 mm Vertical Cable Management Right	W:135 mm D:250 mm Vertical Cable Management Right and Left	Vertical Cable Management Right 135 mm and Left 270 mm	Vertical Cable Management Right 270 mm and Left 135 mm
Single Frame d:80 mm					
*Single Frame d:160 mm					
Double Frame d:80 mm D:670 mm					
Double Frame d:80 mm D:870 mm					
Double Frame d:80 mm D:1070 mm					

* Only 160mm deep frames can accept front and rear facing 2 cable management panels back to back installation.
If only one single cable manager is planned to be installed on a single DYNAframe you can choose 80 mm deep frames.

19" DYNAframe

High Density Open Frames and System Racks

Width: 135 / 270 mm
Finger Type Cable Manager
Single Frames d:160 mm
Application



Single frames, d:160 mm frame unit



Single frames, d:160 mm frame unit
with right and left 135 mm finger type
cable manager application



Single frames, d:160 mm frame unit
with right and left 270 mm finger type
cable manager application



Single frames, d:160 mm frame unit
with right 135 mm and left 270 mm
finger type cable manager application

19" DYNAframe

High Density Open Frames and System Racks

Width: 135 / 270 mm
Finger Type Cable Manager
Double Frames d:80 mm
Application



Double frames, d:80 mm frame unit with right and left 135 mm finger type cable manager application



Double frames, d:80 mm frame unit with right and left 270 mm finger type cable manager application



Double frames, d:80 mm frame unit with right 270 mm and left 135 mm finger type cable manager application



Double frames, d:80 mm frame unit with right-left and front-rear 135 mm finger type cable manager application with top header unit



Double frames, d:80 mm frame unit with right-left and front-rear 270 mm finger type cable manager application with top header unit



Double frames, d:80 mm frame unit with right side front-rear 270 mm, left side front-rear 135 mm, finger type cable manager application with top header unit

19" DYNAframe

High Density Open Frames and System Racks
Door and Side Panel Application



Double frames with glass door,
d:160 mm frame unit, right and left
270 mm finger type cable manager
application with top header unit



Double frames with 63% perforated door,
d:160 mm frame unit, right and left
270 mm finger type cable manager
application with top header unit



Solid side panel application

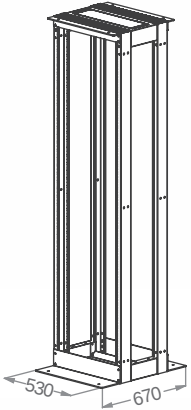


52 mm sized honeycomb side
panel for airflow

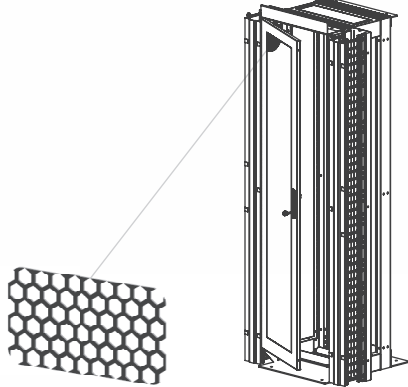
19" DYNAframe

High Density Open Frames and System Racks
Door and Side Panel Application

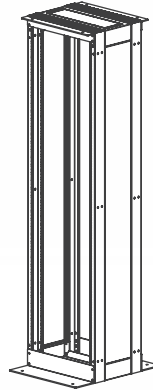
Isometric View D:670 mm



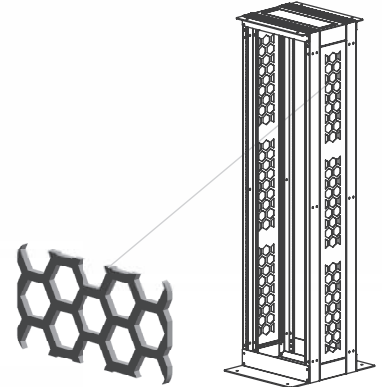
63% Perforated
Front/Rear door application



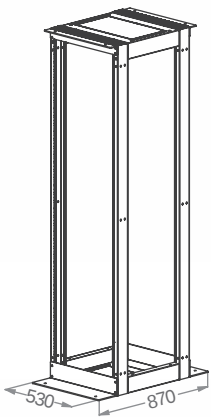
Solid side panel application



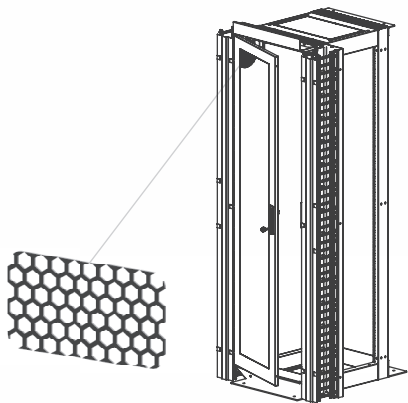
52 mm sized honeycomb
Side panel for airflow



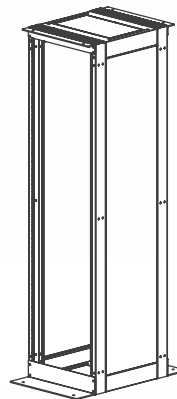
Isometric View D:870 mm



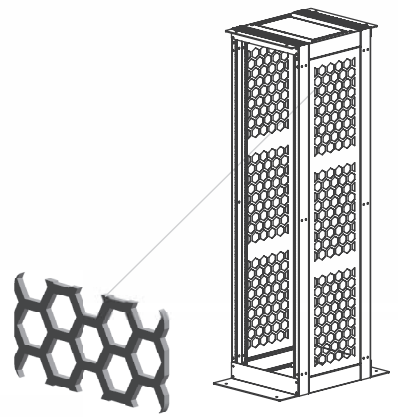
63% Perforated
Front/Rear door application



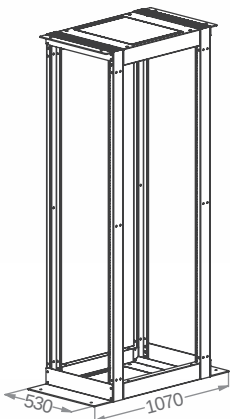
Solid side panel application



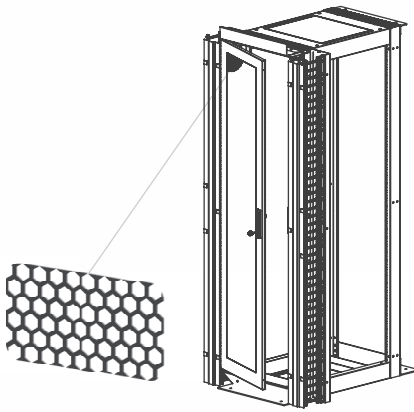
52 mm sized honeycomb
Side panel for airflow



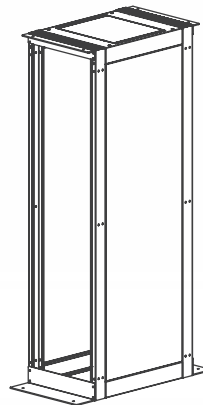
Isometric View D:1070 mm



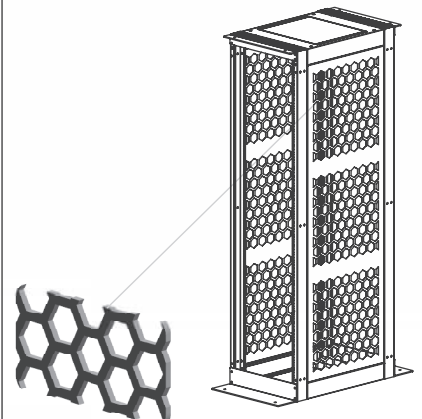
63% Perforated
Front/Rear door application



Solid side panel application



52 mm sized honeycomb
Side panel for airflow



19" DYNAframe

Using Finger Type Cable Manager as a Common Cable Manager for Side by Side Stacked Frame



Width: 135 / 270 mm
Finger Type Cable Manager

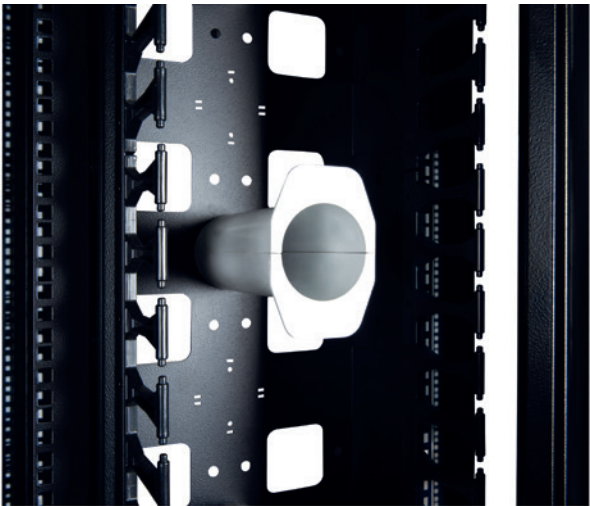
Data center solutions with stacked frames and finger type cable organizers

This system provides a cost effective solution for data centers.

There are many configuration options. Finger type cable manager can be added to the back if required.



The fiber spool accessory helps provide efficient cable management of fibre and copper cables.

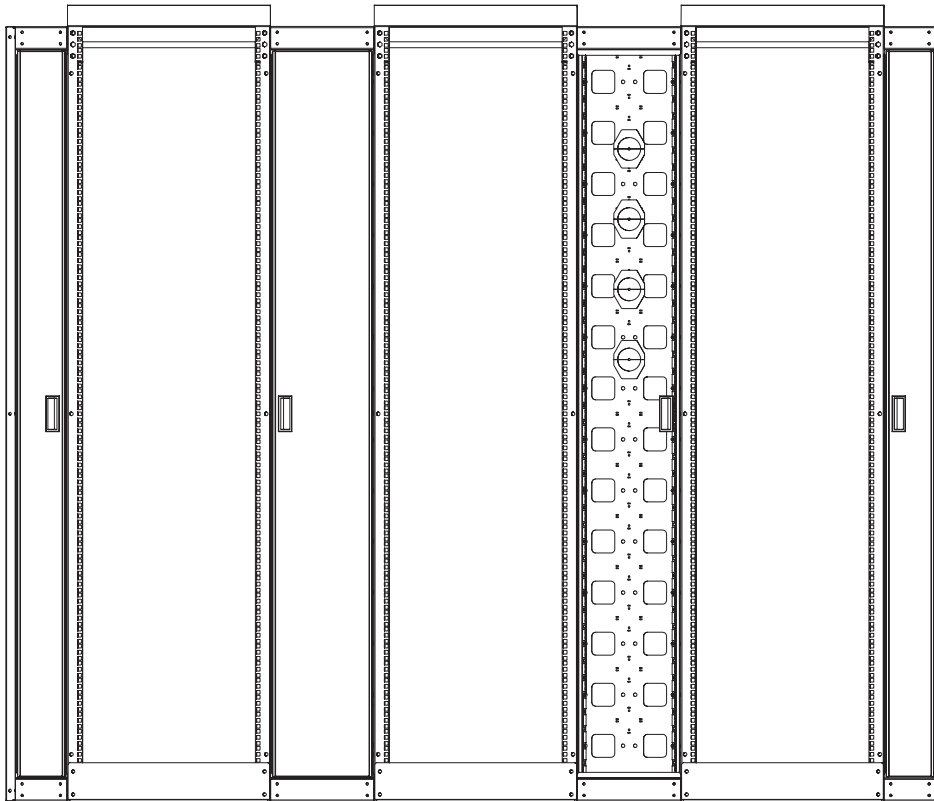


Fiber Spool		
Product Number	Product Description	Size WxDxH mm
LN-OF-SPL-177	The fiber spool accessory helps provide a neater appearance by wrapping excess fiber and copper cables.	177x78x58

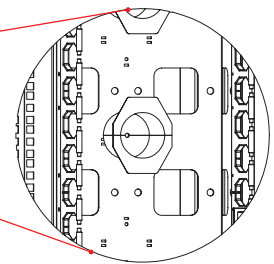
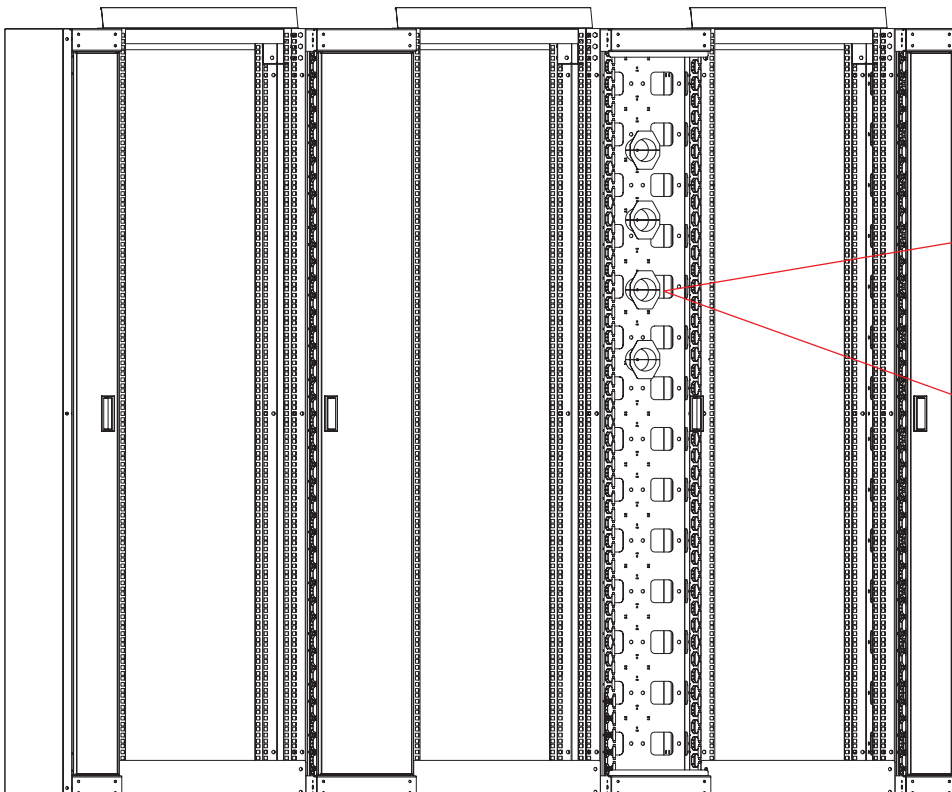
19" DYNAframe

Using Finger Type Cable Manager as a
Common Cable Manager for Side by Side
Stacked Frame

Width: 135 / 270 mm
Finger Type Cable Manager
Application Drawings



Data center solutions with
stacked frames and finger
type cable organizers



Fiber spool accessory

19" DYNAframe

High Density Open Frames and System Racks
Single Frame Double Way Shelf Assembly

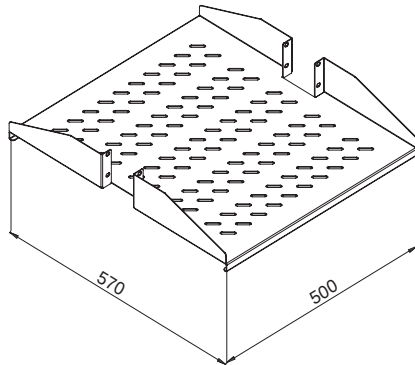
Application Drawings

Rack Mount Shelves for Single Frame d:80 mm

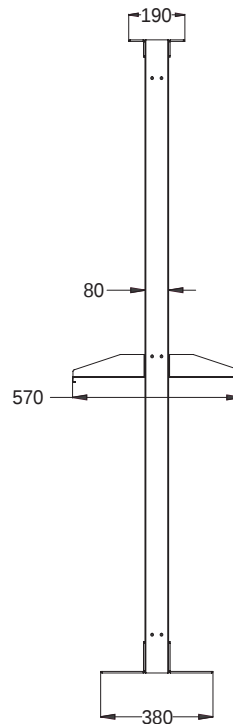
Product Number*	Product Description	Size WxDxH mm
LN-RAF-RMO-2U80-CC	2U D=570mm 19" Rack mount double way shelf, 4 point fixing, fixed shelf, single frame 80mm frame, usage at 19" provision, load capacity 50 kg.	500x570x88

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

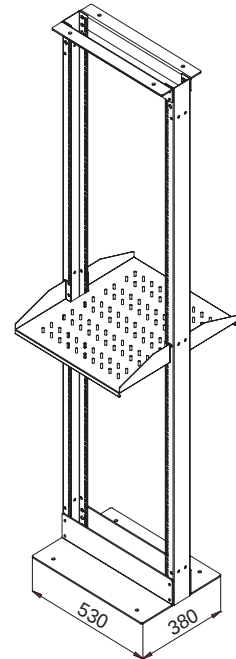
LN-RAF-RMO-2U80-CC



Isometric view of double way shelf



Side view



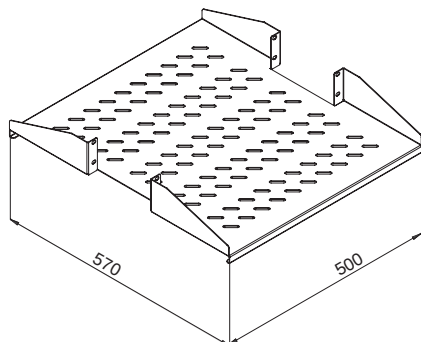
Isometric view

Rack Mount Shelves for Single Frame d:160 mm

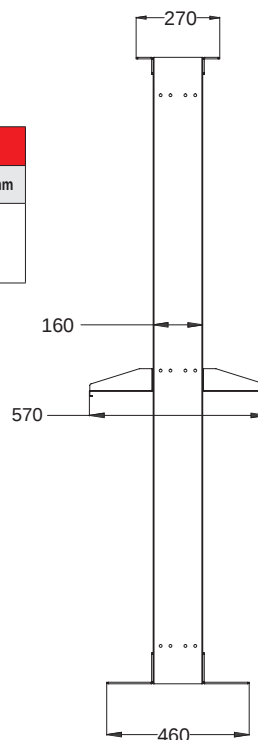
Product Number*	Product Description	Size WxDxH mm
LN-RAF-RMO-2U160-CC	2U D=570mm 19" Rack mount double way shelf, 4 point fixing, fixed shelf, single frame 160 mm frame, usage at 19" provision, load capacity 50 kg.	500x570x88

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

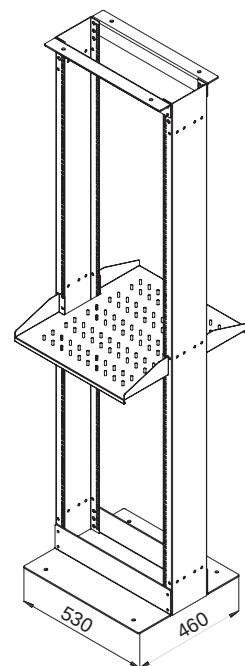
LN-RAF-RMO-2U160-CC



Isometric view of double way shelf



Side view



Isometric view

19" DYNAframe

Frequent Used Accessory



19" DYNAframe Open Frames Top Header Unit		
Product Number*	Product Description	Size WxDxH mm
LN-KDG-OFR-5717-CC	Top Cable Through Header Unit	606x169x60

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.



19" DYNAframe Open Frames Rack Mount Shelves for Single Frame d:80 mm		
Product Number*	Product Description	Size WxDxH mm
LN-RAF-RMO-2U80-CC	2U D=570mm 19" Rack mount double way shelf, 4 point fixing, fixed shelf, single frame 80mm frame, usage at 19" provision, load capacity 50 kg.	500x570x88

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

19" DYNAframe Open Frames Rack Mount Shelves for Single Frame d:160 mm		
Product Number*	Product Description	Size WxDxH mm
LN-RAF-RMO-2U160-CC	2U D=570 mm 19" Rack mount double way shelf, 4 point fixing, fixed shelf, single frame 160 mm frame, usage at 19" provision, load capacity 50 kg.	500x570x88

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.



19" DYNAframe Open Frames Caster Set		
Product Number	Product Description	Size WxDxH mm
LN-ZMN-TKR-5525-01	Caster set, 1 set=4 pcs, 2w/break, 2wo/break for DYNAframe Open Racks, single point fixing. Load capacity 150 kg per caster.	90x70x80

19" DYNAframe

High Density Open Frames and System Racks Frequent Used Accessory Selection Chart

Fixed Shelves, 4 Point Fixing Universal Model, Multivendor, Compatible with any Brand Cabinet		Compatible with				
		DYNAframe Frame Systems W 530 x D (Depth) mm				
Product Number*	Product Description	Single Frame with 80 mm depth Frame D: 380 mm	Double Frame System with 80 mm depth Frame D:670 mm	Double Frame System with 80 mm depth Frame D:870 mm	Double Frame System with 80 mm depth Frame D:1070 mm	Single Frame with 160 mm depth Frame D: 460 mm
LN-RAF-SBT-D600-CC-UNV	Fixed shelf, 19" 1U metal bracket, 4 point fixing, physical shelf depth:370 mm for D=600 mm cabinets, load capacity 50 kg. universal model, compatible with any brand cabinet.	-	✓	-	-	-
LN-RAF-SBT-D800-CC-UNV	Fixed shelf, 19" 1U metal bracket, 4 point fixing, physical shelf depth:570 mm for D=800 mm cabinets, load capacity 50 kg. universal model, compatible with any brand cabinet.	-	-	✓	-	-
LN-RAF-SBT-D100-CC-UNV	Fixed shelf, 19" 1U metal bracket, 4 point fixing, physical shelf depth:770 mm for D=1000 mm cabinets, load capacity 50 kg. universal model, compatible with any brand cabinet.	-	-	-	✓	-

*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.

Fixed Shelves, 4 Point Fixing, Heavy Duty Type		Compatible with				
		DYNAframe Frame Systems W 530 x D (Depth) mm				
Product Number*	Product Description	Single Frame with 80 mm depth Frame D: 380 mm	Double Frame System with 80 mm depth Frame D:670 mm	Double Frame System with 80 mm depth Frame D:870 mm	Double Frame System with 80 mm depth Frame D:1070 mm	Single Frame with 160 mm depth Frame D: 460 mm
LN-RAF-SBA-D100-CC	Heavy duty fixed shelf, 1U 19", 4 point fixing, physical shelf depth:720 mm for D=1000 mm cabinets, load capacity 100 kg.	-	-	-	✓	-

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Sliding Shelves 4 Point Fixing, Multivendor, Compatible any Brand Cabinet		Compatible with				
		DYNAframe Frame Systems W 530 x D (Depth) mm				
Product Number*	Product Description	Single Frame with 80 mm depth Frame D: 380 mm	Double Frame System with 80 mm depth Frame D:670 mm	Double Frame System with 80 mm depth Frame D:870 mm	Double Frame System with 80 mm depth Frame D:1070 mm	Single Frame with 160 mm depth Frame D: 460 mm
LN-RAF-HRK-D600-CC	Sliding shelf, 4 point fixing, physical shelf depth:370 mm for D=600 mm cabinets, load capacity 30 kg, compatible with any brand cabinet.	-	✓	-	-	-
LN-RAF-HRK-D800-CC	Sliding shelf, 4 point fixing, physical shelf depth:570 mm for D=800 mm cabinets, load capacity 30 kg, compatible with any brand cabinet.	-	-	✓	-	-

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Sliding Shelves 4 Point Fixing, Heavy Duty Type		Compatible with				
		DYNAframe Frame Systems W 530 x D (Depth) mm				
Product Number*	Product Description	Single Frame with 80 mm depth Frame D: 380 mm	Double Frame System with 80 mm depth Frame D:670 mm	Double Frame System with 80 mm depth Frame D:870 mm	Double Frame System with 80 mm depth Frame D:1070 mm	Single Frame with 160 mm depth Frame D: 460 mm
LN-RAF-HRA-D100-CC	Heavy duty sliding shelf, 1U 19", 4 point fixing, physical shelf depth:720 mm for D=1000 mm cabinets, load capacity 50 kg. full telescopic	-	-	-	✓	-

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Power Stripes Aluminium Housing		Compatible with				
		DYNAframe Frame Systems W 530 x D (Depth) mm				
Product Number*	Product Description	Single Frame with 80 mm depth Frame D: 380 mm	Double Frame System with 80 mm depth Frame D:670 mm	Double Frame System with 80 mm depth Frame D:870 mm	Double Frame System with 80 mm depth Frame D:1070 mm	Single Frame with 160 mm depth Frame D: 460 mm
LN-PRZ-SGT-1U6P-SC	6xDIN49440 socket schuko power stripe, 19" 1U, aluminium housing, 1x16A cct breaker, 4000 Watt, 250V AC, 3x1.5mm², 2,5m cable, DIN 49441 plug, CE approval	✓	✓	✓	✓	✓

19" DYNAframe

High Density Open Frames and System Racks Frequent Used Accessory Selection Chart

Rack Mount Shelves, 2 Point Fixing		Compatible with				
		DYNAframe Frame Systems W 530 x D (Depth) mm				
Product Number*	Product Description	Single Frame with 80 mm depth Frame D: 380 mm	Double Frame System with 80 mm depth Frame D:670 mm	Double Frame System with 80 mm depth Frame D:870 mm	Double Frame System with 80 mm depth Frame D:1070 mm	Single Frame with 160 mm depth Frame D: 460 mm
LN-RAF-RMO-1U20-CC	1U D=200 mm 19" Rack mount shelf, 2 point fixing, for all cabinets at 19" provision, load capacity 30 kg.	✓	✓	✓	✓	✓
LN-RAF-RMO-1U25-CC	1U D=250 mm 19" Rack mount shelf, 2 point fixing, for all cabinets at 19" provision, load capacity 30 kg.	✓	✓	✓	✓	✓
LN-RAF-RMO-1U30-CC	1U D=300 mm 19" Rack mount shelf, 2 point fixing, for all cabinets at 19" provision, load capacity 30 kg.	✓	✓	✓	✓	✓
LN-RAF-RMO-1U40-CC	1U D=400 mm 19" Rack mount shelf, 2 point fixing, for all cabinets at 19" provision, load capacity 30 kg.	✓	✓	✓	✓	✓
LN-RAF-RMO-2U35-CC	2U D=350 mm 19" Rack mount shelf, 2 point fixing, for all cabinets at 19" provision, load capacity 30 kg.	✓	✓	-	✓	✓
LN-RAF-RMO-2U55-CC	2U D=550 mm 19" Rack mount shelf, 2 point fixing, for all cabinets at 19" provision, load capacity 30 kg.	✓	-	✓	✓	✓
LN-RAF-RMO-1UXX-CC	1U 19" Adapter part, 1 set 2 pcs incl the fixing hardware, allowing rack mount shelves to attach to rear 19" rails, increasing the original load capacity of shelf.	-	✓	✓	✓	-
LN-RAF-RMO-2U80-CC	2U D=570 mm 19" Rack mount double way shelf, 4 point fixing, fixed shelf, single frame 80 mm frame, usage at 19" provision, load capacity 50 kg.	✓	-	-	-	-
LN-RAF-RMO-2U160-CC	2U D=570 mm 19" Rack mount double way shelf, 4 point fixing, fixed shelf, single frame 160 mm frame, usage at 19" provision, load capacity 50 kg.	-	-	-	-	✓

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Rack Mount Shelves, 4 Point Fixing		Compatible with				
		DYNAframe Frame Systems W 530 x D (Depth) mm				
Product Number*	Product Description	Single Frame with 80 mm depth Frame D: 380 mm	Double Frame System with 80 mm depth Frame D:670 mm	Double Frame System with 80 mm depth Frame D:870 mm	Double Frame System with 80 mm depth Frame D:1070 mm	Single Frame with 160 mm depth Frame D: 460 mm
LN-RAF-RMC-1135-CC	1U 19" frontal, 1U 19" rear assembly, adjustable rear 19" brackets, D=350 mm, for all cabinets at 19" provision, load capacity 50 kg.	-	✓	✓	-	-
LN-RAF-RMC-2135-CC	2U 19" frontal, 1U 19" rear assembly, adjustable rear 19" brackets, D=350 mm, for all cabinets at 19" provision, load capacity 50 kg.	-	✓	✓	-	-
LN-RAF-RMC-1145-CC	1U 19" frontal, 1U 19" rear assembly, adjustable rear 19" brackets, D=450 mm, for all cabinets at 19" provision, load capacity 50 kg.	-	✓	✓	✓	-
LN-RAF-RMC-2145-CC	2U 19" frontal, 1U 19" rear assembly, adjustable rear 19" brackets, D=450 mm, for all cabinets at 19" provision, load capacity 50 kg.	-	✓	✓	✓	-
LN-RAF-RMC-2155-CC	2U 19" frontal, 1U 19" rear assembly, adjustable rear 19" brackets, D=550 mm, for all cabinets at 19" provision, load capacity 50 kg.	-	-	-	✓	-
LN-RAF-RMC-2165-CC	2U 19" frontal, 1U 19" rear assembly, adjustable rear 19" brackets, D=650 mm, for all cabinets at 19" provision, load capacity 50 kg.	-	-	-	✓	-

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Horizontal Cable Management Accessories		Compatible with				
		DYNAframe Frame Systems W 530 x D (Depth) mm				
Product Number*	Product Description	Single Frame with 80 mm depth Frame D: 380 mm	Double Frame System with 80 mm depth Frame D:670 mm	Double Frame System with 80 mm depth Frame D:870 mm	Double Frame System with 80 mm depth Frame D:1070 mm	Single Frame with 160 mm depth Frame D: 460 mm
LN-KDG-YKD-1UKN-CC	1U 19" cable management panel 5 rings	✓	✓	✓	✓	✓
LN-KDG-YKD-1UKT-CC	1U 19" cable management panel, channel type, removable front cover plate with clips	✓	✓	✓	✓	✓
LN-KDG-YKD-1UKZ-CC	1U 19" cable management panel, channel type, removable insert type sliding cover plate	✓	✓	✓	✓	✓
LN-KDG-YKD-1UFO-CC	1U 19" cable management panel for patchcord entry, brushed type, with L rear bend patchcord holder and tire up panel	✓	✓	✓	✓	✓
LN-KDG-YKD-2UKA-CC	2U 19" cable management panel, channel type, removable angled front cover plate, front cover plate is toolless	✓	✓	✓	✓	✓
LN-KDG-YKD-2UFT-CC	2U 19" cable management panel, channel type, Finger Type PVC organizer integrated, up/down opening toolless front cover plate 2U	✓	✓	✓	✓	✓

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