



UNIVERSAL STRUT RACK

AND ACCESSORIES CATALOG



UNIVERSAL STRUT RACK FEATURES

STANDARD FEATURES

- ✓ Designed for mounting 19.00" rack mount equipment.
- ✓ Vertical channel extrusion has a built in strut shape.
- ✓ Strut shape allows for infinite vertical adjustment.
- ✓ Quick adjustment of equipment with mounting spring nuts (sold separately).
- ✓ High-Strength, Lightweight aluminum construction.
- ✓ Lightweight aluminum construction allows for easy transportation and positioning during installation.
- ✓ Front and rear mounting capabilities.
- ✓ Easily secure rack to floor with pre-drilled holes in base angle.
- ✓ Connect rack-to-rack with pre-drilled connection holes.
- ✓ Delivered unassembled in one box. Assembly is quick and easy with standard hand tools.
- ✓ Cable Management: Use vertical or horizontal cable wire ways.



The strut rack is designed for telecommunication, utilities, network companies and other process control industries. The strut rack allows significant ease and flexibility in installation of equipment on to the rack. The strut design is incorporated into the extruded vertical member. This allows for infinite vertical adjustment of the equipment.

The strut rack is rated for 1,000 pounds of uniformly distributed equipment under UBC seismic zone 4. The rack is also qualified under IEEE-693-2005 to carry a uniformly distributed load of 525 pounds. The strut rack is available in widths of 19 inch. The strut rack is offered in various heights and is available in a 3.00" deep channel.

Equipment is mounted on the strut rack using either 1/4-20 or 10-32 spring nuts. The spring nuts are sold separately and can be installed at any desired location on the strut. The spring nuts and the strut, allow for unlimited vertical adjustments of equipment with out having to dismount and remount equipment.

Wire management systems can be easily incorporated with the strut rack. Vertical wire ways attach in between two strut racks and allow for easy access to wires and wire organization.

UNIVERSAL STRUT RACK FEATURES

SPECIFICATIONS

- ✓ Open floor-mount two-post rack supports 19" rack-mount equipment.
- ✓ Construction: Bolted assembly, shipped unassembled.
- ✓ For indoor use only, in environmentally controlled areas. Not to be used outdoors or harsh environments.
- ✓ Load Capacity: 1000 pounds under UBC seismic zone 4 and 525 pounds under IEEE-693-2005 moderate seismic levels.

SIZES

Height - 96"

Width - 20.25"

Channel Depth - 3.00"

Custom heights and widths available.

AVAILABLE FINISHES

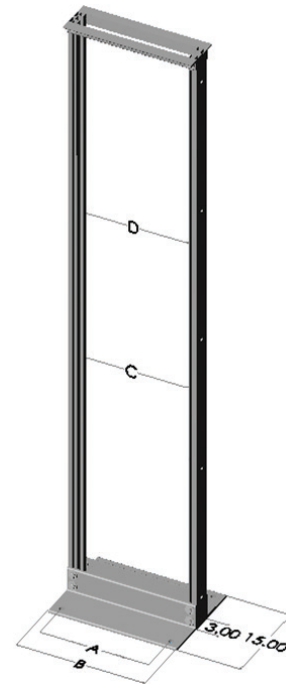
- Brushed aluminum
- Powder Coat (Black tan, white or gray)
- Other colors available upon request.

APPLICATIONS

- Network equipment
- Utilities
- Telecommunications
- Data room

RACK HEIGHT	RACK UNITS
96.00"	52

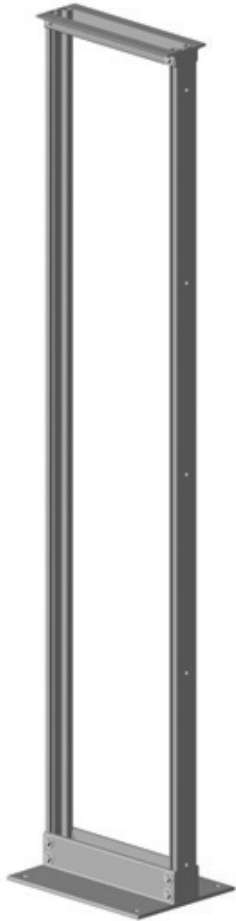
Dimension	19" Rack
A (Anchoring Hole)	16.00"
B (Overall width)	20.25"
C (Mounting Width)	18.31"
D (Inside Width)	17.56"



ORDERING INFORMATION

STRUT RACK

Mega Power Systems has designed a strut rack that provides many industries with the most flexibility when mounting equipment. This design allows for an infinite amount of adjustability, thus eliminating the gaps between installed components and/or panels. Mega Power Systems Strut Rack also provides optimal ventilation around installed switchgear, servers or any type of electronics installed on the rack.



RACK WIDTH	AR	PART NUMBERS			
19.00" RELAY RACK		19			
CUSTOM WIDTHS AVAILABLE		xx			
HEIGHT OF RACK (FEET)					
8.0 FEET (96.00") WITH 52 RMU			96		
CUSTOM HEIGHTS AVAILABLE			xx		
DEPTH OF STRUT CHANNEL					
3.00" STRUT CHANNEL				3	
RACK FINISH					
CLEAR BRUSHED					C
POWDER COAT BLACK					B
POWDER COAT TAN					T
POWDER COAT WHITE					W
POWDER COAT GRAY					G
OTHER FINISHES AVAILABLE					xx
EXAMPLE: STRUT RACK 8' H x 19.00" W, 3.00" STRUT CHANNEL DEPTH, CLEAR BRUSHED ALUMINUM FINISH.					
* P/N AR-19-96-3-C					

TERMINAL BLOCK MOUNTING BAR

Terminal block mounting bars allow for easy attachments of any standard terminal blocks to the front or rear of the rack. Mounting bars can also be used as horizontal wire-ways.

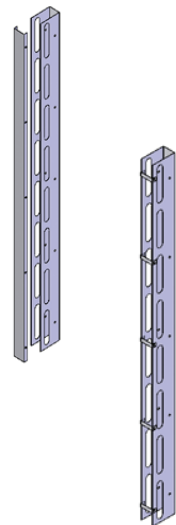
SIZE	TBM	PART NUMBERS	
TERMINAL BLOCKS FOR 19" RACK (SOLD IN PAIRS)		19	
CUSTOM WIDTHS AVAILABLE		xx	
FINISH			
CLEAR BRUSHED			C
POWDER COAT BLACK			B
POWDER COAT TAN			T
POWDER COAT WHITE			W
POWDER COAT GRAY			G
OTHER FINISHES AVAILABLE			xx
EXAMPLE: TERMINAL BLOCK FOR 19" RACK, CLEAR BRUSHED ALUMINUM FINISH.			
* P/N TBM 19-C			



VERTICAL WIRE-WAY

Vertical Wire-Ways allow wires and cables to be run between racks in a neat and orderly fashion. These wire ways bolt between two racks and allow wires to be easily accessed.

WIREWAY HEIGHT	VWW	PART NUMBERS	
8.0 FEET (96.00")		96	
OTHER HEIGHT AVAILABLE		xx	
TYPE OF COVER			
NO COVER			0
WIREWAY CLIPS			1
WIREWAY COVER			2
FINISH			
CLEAR BRUSHED			C
POWDER COAT BLACK			B
POWDER COAT TAN			T
POWDER COAT WHITE			W
POWDER COAT GRAY			G
OTHER FINISHES AVAILABLE			xx
EXAMPLE: WIREWAY 96.00", WITH COVER, CLEAR BRUSHED ALUMINUM FINISH.			
* P/N VWW-96-2-C			



ORDERING INFORMATION

BLANK AND CUTOUT PLATES

Plates come in a variety of sizes. Blank plates can be used to fill voids between mounted equipment or custom cut-out plates can be supplied for mounting various types of equipment.

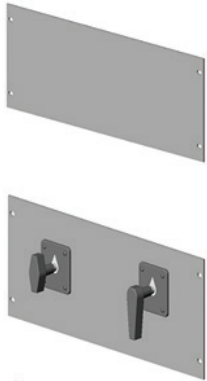
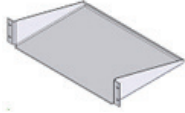
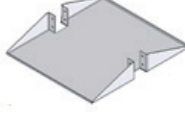
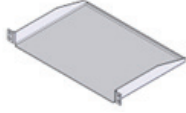



PLATE HEIGHT	PL	PART NUMBERS		
ONE RACK UNIT (1.75")		1		
TWO RACK UNITS (3.50")		2		
THREE RACK UNITS (5.25")		3		
FOUR RACK UNITS (7.00")		4		
FIVE RACK UNITS (8.75")		5		
SIX RACK UNITS (10.50")		6		
EIGHT RACK UNITS (14.00")		8		
TEN RACK UNITS (17.50")		10		
TWELVE RACK UNITS (21.00")		12		
OTHER SIZES AVAILABLE		xx		
CUTOUT TYPE				
NO CUTOUTS			0	
CUTOUT			1	
FINISH				
CLEAR BRUSHED				C
POWDER COAT BLACK				B
POWDER COAT TAN				T
POWDER COAT WHITE				W
POWDER COAT GRAY				G
OTHER FINISHES AVAILABLE				xx
EXAMPLE: PLATE (4) RACK UNIT, WITH NO CUTOUTS, CLEAR BRUSHED ALUMINUM FINISH.				
* P/N PL-4-0-C				

ORDERING INFORMATION

19" STRUT RACK SHELVES AND TRAY

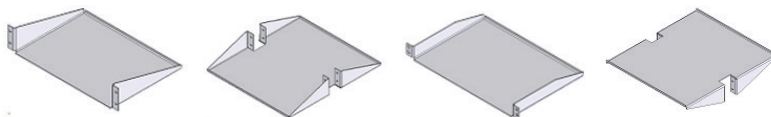
Shelves and tray are offered in four different styles, and can be used for many different applications.

								
	Single Sided Shelves		Double Sided Shelves		Low Profile Shelves		Monitor Trays	
Usable Space	17" W x 12" D	17" W x 15" D	17.5" W x 23" D	17.5" W x 26" D	17" W x 12" D	17" W x 15" D	17.5" W x 23" D	
Offset From Rack	9.00"	12.00"	10.00" Each Side	11.50" Each Side	9.00"	12.00"	10.00" Each Side	
Required Mounting Space	2 Rack Units	3 Rack Units	2 Rack Units	3 Rack Units	1 Rack Unit	2 Rack Unit	2 Rack Units	
Weight Capacity	50 lbs	50 lbs	100 lbs	150 lbs	25 lbs	50 lbs	100 lbs	

SHELVES AND TRAY

Shelves and tray are available for the 19" Strut Rack model only.

STYLE	STYLE #	PART NUMBERS		
SINGLE	TA			
DOUBLE	TB			
LOW	TC			
TRAY	TD			
RACK WIDTH				
FOR 19" RACK		1		
SHELF/TRAY HEIGHT				
ONE RACK UNIT (1.75")			1	
TWO RACK UNITS (3.50")			2	
THREE RACK UNITS (5.25")			3	
OTHER SIZES AVAILABLE			xx	
FINISH				
BRUSHED ALUMINUM				A
PAINTED GRAY				B
PAINTED BLACK				G
PAINTED WHITE				W
PAINTED GRAY				G
OTHER FINISHES AVAILABLE				xx
EXAMPLE: SINGLE SIDED SHELF FOR 19" RACK, 2 RACK UNITS, BRUSHED ALUMINUM FINISH.				
* P/N TA-1-2-A				

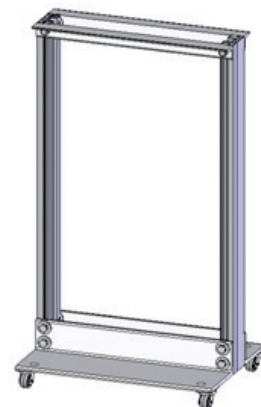


ORDERING INFORMATION

TEST RACK

The test rack is a portable version of the strut rack. It has all the same characteristics and qualities of the strut rack but it is on wheels. Attach and detach equipment easily and quickly with the new strut design. Easily transport equipment on the job site or around the work shop.

MOUNTING WIDTH	AR-TR	PART NUMBERS			
19.00" RELAY RACK		19			
CUSTOM WIDTHS AVAILABLE		xx			
HEIGHT OF RACK (FEET) WITHOUT CASTERS					
3.0 FEET (36.00") WITH 17 RMU			36		
4.0 FEET (48.00") WITH 24 RMU			48		
5.0 FEET (60.00") WITH 31 RMU			60		
CUSTOM HEIGHTS AVAILABLE			xx		
DEPTH OF STRUT CHANNEL					
3.00" STRUT CHANNEL				3	
RACK FINISH					
CLEAR BRUSHED					C
POWDER COAT BLACK					B
POWDER COAT TAN					T
POWDER COAT WHITE					W
POWDER COAT GRAY					G
OTHER FINISHES AVAILABLE					xx
EX: TEST RACK 4' H x 19.00" W, 3.00" STRUT CHANNEL DEPTH, CLEAR BRUSHED ALUMINUM FINISH.					
* P/N AR-TR-19-48-3-C					



RATINGS

- ✓ Load capacity - 1,000 pounds under UBC seismic zone 4.
- ✓ Load capacity - 525 pounds under IEEE-693-2005 moderate seismic levels.

QUALITY OF SERVICE

THE 4 QUALITY OBJECTIVES OF MEGA POWER SYSTEMS

- ✓ Continuously drive the level of customer satisfaction greater than today.
- ✓ Strive to achieve 100% on time delivery to all of our customers.
- ✓ Continuously reduce the cost of quality.
- ✓ Maintain the quality management system as the tool to achieve all other objectives.



MEGA POWERTM
S Y S T E M S



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UNIVERSAL STRUT RACK

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