



METAL | Racks

Hubbell's relay racks, server frames and iFRAME® systems are the first step to a strong foundation that meets future technology needs. These items provide access and support to cabling infrastructure while allowing ease for future moves, adds and changes.





METAL | Racks

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Standard Relay Rack
HPW84RR19



Standard Relay Rack
HPW84RR19



Specifications

- Rack material: extruded aluminum
- Black powder coated or mill finish
- Weight capacity: 1,000lb bolted to floor; 500lb unsecured
- Supports 19" EIA wide rack-mount equipment
- #12-24 threaded holes
- Rack unit numbered

Standards

- UL 1863
- EIA/ECA-310-E Universal Mounting Pattern

3" Deep Relay Racks

Black, Each rack unit numbered

Rack Units	External Height Inches (mm)	Mounting Width Inches (mm)	External Width Inches (mm)	Rail Depth Inches (mm)	Black Catalog No.	Mill Finish Catalog No.
24	47" (1194)	19" (483)	20" (514)	3" (76)	HPW48RR19	HPW48RR19ML
36	67" (1702)	19" (483)	20" (514)	3" (76)	HPW66RR19	HPW66RR19ML
45	84" (2134)	19" (483)	20" (514)	3" (76)	HPW84RR19	HPW84RR19ML
		23" (584)	24" (607)	3" (76)	HPW84RR23	-
48	89" (2261)	19" (483)	20" (514)	3" (76)	HPW90RR19	-
51	95" (2413)	19" (483)	20" (514)	3" (76)	HPW96RR19	-



Rack with Vertical Cable Managers
CS1976H



Z-Channel Manager,
Hinged

Specifications

- Rack material: extruded aluminum
- Black powder coated
- Weight capacity: 1,000lb bolted to floor; 500lb unsecured
- Supports 19" EIA wide rack-mount equipment
- #12-24 threaded holes
- Rack unit numbered

Standards

- UL 1863
- EIA/ECA-310-E Universal Mounting Pattern

3" Deep Relay Racks with Cable Managers

Black; includes (2) vertical cable managers

Rack Units	External Height Inches (mm)	External Width Inches (mm)	Rail Depth Inches (mm)	Z Width Inches (mm)	Cover Style	Catalog No.
45	84" (2134)	19" (483)	3" (76)	3" (152)	Hinged	CS1973H
					Clip On	CS1973
				6" (152)	Hinged	CS1976H
					Clip On	CS1976



Deep Relay Rack
HPW84RR19D



Deep Relay Rack
HPW84RR19D

Specifications



- Rack material: 0.125" aluminum
- Black powder coated
- Weight capacity: 1,000lb bolted to floor; 500lb unsecured
- Supports 19" EIA wide rack-mount equipment
- #12-24 threaded holes
- Rack unit numbered

Standards

- UL 1863
- EIA/ECA-310-E Universal Mounting Pattern

6" Deep Relay Rack

Black

Rack Units	External Height Inches (mm)	Mounting Width Inches (mm)	External Width Inches (mm)	Rail Depth Inches (mm)	Catalog No.
45	84" (2134)	19" (483)	20" (514)	6" (152)	HPW84RR19D



Relay Rack, Angled
SF8419xx



Relay Rack, Angled
SF8419xx

Specifications

- Rack material: 12 gauge steel
- Black powder coated
- Rack unit identified
- Weight capacity: 2,000lb

Standards

- EIA/ECA-310-E Universal Mounting Pattern

4-Post, 19" Relay Rack

Black

Rack Units	External Height Inches (mm)	Mounting Width Inches (mm)	External Width Inches (mm)	Depth Inches (mm)	Hole Type	Catalog No.
45	84" (2134)	19" (483)	20" (514)	24" (610)	#12-24 Threaded	SF841924T
				29" (742)	#12-24 Threaded	SF841929T
				36" (914)	#12-24 Threaded	SF841936T
				42" (1067)	#12-24 Threaded	SF841942T
				48" (1219)	#12-24 Threaded	SF841948T
				24" (610)	M6 Cage Nut	SF841924
				29" (742)	M6 Cage Nut	SF841929
				36" (914)	M6 Cage Nut	SF841936
				42" (1067)	M6 Cage Nut	SF841942
				48" (1219)	M6 Cage Nut	SF841948



Extra Deep Relay Rack
HHR45U10



Extra Deep Relay Rack,
Top View



Specifications

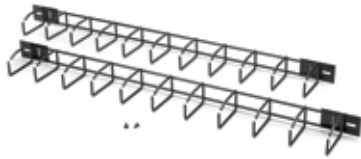
- Rack material: 0.125" aluminum
- Top plate material: 14 gauge steel
- Black powder coated
- Weight capacity: 2,500lb
- Supports 19" EIA wide rack-mount equipment
- #12-24 threaded holes
- Fast assembly

Standards

- UL 1863
- EIA/ECA-310-E Universal Mounting Pattern

Extra Deep Relay Rack

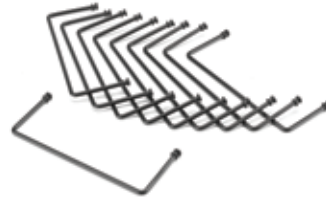
Black						
Rack Units	External Height Inches (mm)	Mounting Width Inches (mm)	External Width Inches (mm)	Depth Inches (mm)	Hole Type	Catalog No.
45	86" (2184)	19" (483)	24" (622)	10" (254)	#12-24 Threaded	HHR45U10
				16" (406)	#12-24 Threaded	HHR45U16



Wire Manager
VC8024



Wire Manager
VC8024



Wire Gates
VCW1010



Wire Gates
Installed

Vertical Wire Cable Managers

Steel wire 0.225 diameter, black powder coated, (2) push pins

Length Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Qty	Catalog No.
40" (1016)	2" (51)	4" (102)	2	VC8024

Wire Gate Cable Managers

Steel wire 0.225 diameter, black powder coated

Length Inches (mm)	Width Inches (mm)	Qty	Catalog No.
10" (254)	2" (51)	10	VCW1010
16" (406)	2" (51)	10	VCW1610



Cantilevered
MCCCS19



Cantilevered
MCCCS19HD



Center Weighted
MCCCS19



Rack Label Kit
RRLABEL



Filler Panel
MCCBP700

Equipment Shelves

Stationary shelf, 16 gauge, #12-24 mounting hardware

Type	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Load (lb)	Shelf	Catalog No.
Cantilevered	3.5" (89)	17" (432)	14" (356)	50	Solid	MCCCS19
					Perforated	MCCCS19P
	7" (178)	19" (483)	20" (508)	200	Solid	MCCCS19HD
Center-weighted	3.5" (89)	17" (432)	19" (483)	75	Solid	MCCCS19

19" Filler Panels

Black, includes (1) panel and (4) HPW screws

Rack Units	Height Inches (mm)	Flat Catalog No.	Angled Catalog No.
1	1.75" (44)	MCCBP175	ABP175
2	3.50" (89)	MCCBP350	ABP350
4	7.00" (178)	MCCBP700	-

Relay Rack Isolation Pads

Polyester fiberglass pad for isolating relay racks from cement floor, includes (4) isolating bushings for bolts and (4) cement anchors

Type	Works for Relay Rack Models	Catalog No.
1-piece	HPWxxRR19	HRRP3
2-piece	HPW84RR19D, SF8419xx	HRRP
4-piece	HHRxxx, HPW84RR23	HRRPW

Cement Anchoring Bolts

Galvanized anchor bolts for securing relay racks to cement floor

Length Inches (mm)	Diameter Inches (mm)	Qty	Catalog No.
3.75"	3/8"	4	HPWRA

Rack Label Kit

Includes (3) self-adhesive strips, black label with white lettering (numbers 01 through 60)

Height Inches (mm)	Width Inches (mm)	Catalog No.
35" (889)	0.25" (6)	RRLABEL

Extender Brackets, 23"

Black, includes (2) brackets and (1) mounting hardware kit, converts 23" rack mount space to 19"

Length Inches (mm)	Catalog No.
23" (584)	BREXTB235



Column (Door Open, Closed)
IS7

4-Post
IS7 with ISK4P



Specifications

- 14 gauge cold-rolled steel
- Rails tapped #12-24
- Static load capacity: 1,400lb per column
- Black powder coated
- Configurable

Standards

- UL 1863 Listed
- EIA/ECA-310-E Universal Mounting Pattern

iFRAME® Columns

Includes (1) iFRAME® column weldment, (1) bottom alignment installation aid and (1) iFRAME top plate floor template, (1) full height front cover with (4) heavy-duty floor anchor washers dual-acting hinges and (2) dual-acting front cover hinges (not included in IS7E), (20) #12-24 x 5/8" dog point machine screws and washers or M6 cage nuts with screws, (4) 4" gates (Catalog No. VCG4), (50) snap-in-place cable routing spools, and (1) assembly hardware kit

Rack Units	Height Inches (mm)	Width Inches (mm)	Channel Depth Inches (mm)	Total Depth Inches (mm)	Hole Type	Top Plate and Spacer	Catalog No.
45	84" (2134)	5" (127)	10.1" (257)	14.2" (361)	#12-24	Included	IS7
					M6 Cage Nut	Included	IS7M6

End of Row

Rack Units	Height Inches (mm)	Width Inches (mm)	Channel Depth Inches (mm)	Total Depth Inches (mm)	Hole Type	Top Plate and Spacer	Catalog No.
45	84" (2134)	5" (127)	10.1" (257)	14.2" (361)	#12-24	-	IS7E

12" Raised Floor Applications

Rack Units	Height Inches (mm)	Width Inches (mm)	Channel Depth Inches (mm)	Total Depth Inches (mm)	Hole Type	Top Plate and Spacer	Catalog No.
45	96" (2446)	5" (127)	10.1" (257)	14.2" (361)	M6 Cage Nut	Included	IS7RFM6

High Capacity

Rack Units	Height Inches (mm)	Width Inches (mm)	Channel Depth Inches (mm)	Total Depth Inches (mm)	Hole Type	Top Plate and Spacer	Catalog No.
45	84" (2134)	7" (178)	12.1" (307)	17.6" (447)	#12-24	Included	IS70718
		8.5" (216)	14.1" (358)	20.1" (511)	#12-24	Included	IS70920



Spool
ICKSS



Power Kit
ICKP20



4-Post Rack Kit
ISK4P

Cable Management Spools

Color	Description Inches (mm)	Qty	Catalog No.
Black	3" (76)	50	ICKSS
	6" (152)	50	ICKSS6
	9" (229)	50	ICKSS9

Top Ladder Rack

Color	Ladder Dimensions Inches (mm)	Stringer Dimensions Inches (mm)	Catalog No.
Black	2" H x 12" W (51 x 305)	1 1/2" x 3/8" (38 x 10)	ICKL

Category 6A Rear Cable Management Kit

Includes 12"W x 6'L ladder rack sticks (Catalog No. HLS0612B), 12"W x 24"L iFRAME top ladder, 27"W x 24"L iFRAME top ladder, wall mounting kit (Catalog No. HLX0612), T-splice kit (Catalog No. HLTK) and mounting brackets

iFRAME® Width Inches (mm)	Catalog No.
5" (127)	ICKC
7" (178)	ICKCL7
8.5" (216)	ICKCL9

iFRAME® Power Kits

Includes 4" square work box, 20A receptacle L5-20R TWIST-LOCK®, face plate, assembly hardware kit

Description	Receptacle Color	Receptacle	Catalog No.
Standard	Black	HBL2310	ICKP20
Isolated ground	Orange	IG2310	ICKP20IG

Spacer Kit, 23"

Includes top for 23" column spacing and bottom for 23" column spacing

Color	Catalog No.
Black	ICK23

4-Post Rack Kit

Includes adjustable brackets (for spacing columns front to rear) and assembly hardware kit

Description	iFRAME Width Inches (mm)	Catalog No.
For 27" to 39" equipment mounting depth	5" (127)	ISK4P
	7" (178)	ISK4P7
	8.5" (216)	ISK4P9

Power Strip Mounting Brackets for 5" Wide iFRAME® Columns

Includes mounting brackets and assembly hardware kit

Description	Catalog No.
Mounting Brackets	ICKPM