Middle Atlantic Products, Inc.
www.middleatlantic.com
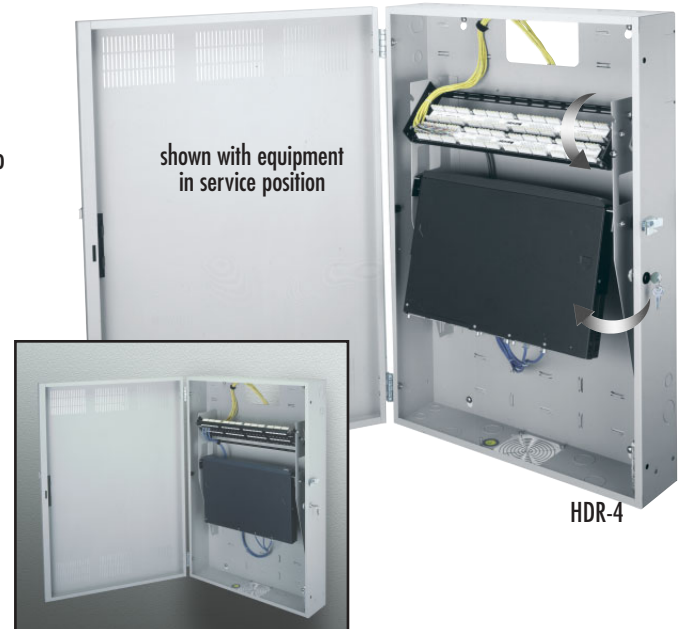
HDR-4
Horizontal Distribution Rack

c(UL)us LISTED   (EIA) Compliant

The HDR-4 horizontal distribution rack provides 2 independent mounting areas for patch panels, switches, hubs and routers

Features

- Upper bay mounts patch panels and pivots 100º with positive stop for punch-downs

- Lower bay mounts switches, hubs and routers and pivots 15º for access to rear connections

- Beveled front door with flanges on all sides for security

- UL Listed in the US and Canada

- Integral electrical box for power distribution

- Vented, locking front door for mounting in non-secure areas

- Multiple electrical knockouts to accommodate electrical conduit and Wiremold™ 4000 series raceway

- Abundant cable tie points and 24" length of hook and loop fasteners included for cable management

shown with equipment in service position

HDR-4

Architects' and Engineers' Specifications

EIA compliant 19" horizontal distribution rack shall be Middle Atlantic Products model # HDR-4. Overall dimensions shall be 24" W x 36" H x 7-1/2" D. HDR-4 shall be constructed of 16-gauge steel and finished in a durable putty powder coat. HDR-4 shall have a weight capacity of 150 lbs. HDR-4 shall have two rack bays: upper two rackspace panel bay shall pivot 100 degrees with positive stop for punch-downs, lower two rackspace equipment bay shall pivot 15 degrees for access to connections with 18" useable component depth. Rackrail shall be constructed of 11-gauge steel with tapped 10-32 mounting holes in universal EIA spacing with black e-coat finish. HDR-4 shall include 2-gang electrical box, 1/4-20 grounding and bonding stud, and a 24" length of hook and loop fasteners. Cable management features shall include a 7" x 4" cable pass-through on backpan, abundant cable tie points and 4" cable duct knockouts on top, bottom and sides for electrical connections, and integral lacing bar installed on top set of rackrail. Rack shall be UL Listed in the US and Canada.

OPTIONS
- Optional external mount fan shall be Middle Atlantic Products model # HDR-FAN

electronic version available at www.middleatlantic.com

Engineered Mounting Solutions for Low Voltage Applications

HDR-4 Horizontal Distribution Rack basic dimensions

TOP VIEW

1.48 [38]

0.00 [37]
1.44 [122]
4.81 [217]
8.56 [306]
12.06 [392]
15.56 [491]
19.31 [576]
22.69 [613]
24.13

24.43 [621]

1 & 1-1/2 knockouts

1/2 & 3/4 knockouts

4" cable duct

1.81 [46] x 4.90 [125] laser knockout

FRONT VIEW

25.57 [650]

36.00 [914]

Draw latch

SIDE VIEW

30°

4.05 [103]

4" cable duct (accomodates Wiremold™ 4000 series)

1.48 [38]

2.50 [64]

6.00 [153]

5.50 [140] enclosure

7.50 [191]

1.93 [49] cover

FRONT VIEW BACKPAN

1.44 [37]

4.00 [102] x 7.00 [178] opening

lacing points for cable ties

16.63 [422]

16.63 [422]

16.00 [406]

integral cable management lacing bar

2 rackspace equipment bay rotates 15° for access to equipment connections on bottom

4" cable duct

2 rackspace panel bay rotates 100° with positive stop for punch down

21.41[544] 18" useable depth

Integral 2-gang electrical box

SIDE VIEW

BOTTOM VIEW

4-1/2 fan mounting location with guard (fan not included)

1.81[46] x 4.90 [125] laser knockout

1 & 1-1/2 knockouts
3.984 [101]
3.357 [85]
1.484 [38]
.982 [25]
.000
1/2 & 3/4 knockouts

0.00 [28]
1.097 [154]
6.063 [306]
12.063 [421]
16.563 [484]
19.063 [585]
23.028

4" cable duct

All dimensions in inches unless otherwise noted [All dimensions in bracket are in millimeters]