



Unique 2-side Rail System

Description

Lowell's extensive selection of racks and cabinets began shipping with 2-sided and printed rackrails in March of 2006. The unique universal application rail system is tapped on one side to accept threaded 10-32 screws and square punched on the other to accept 12-24, 6mm, or 10-32 hardware with cage nuts. Reversible rail satisfies the requirements of multiple markets and features printed number designations in rack unit increments to facilitate precise loading of equipment.

Quality Features

- Specify a single rack model for multiple market and equipment mounting applications (E.g. Audio/Video, Data, Telecommunications markets).
- The square punched hole side of the rail in the primary position provides unparalleled versatility in today's converging market environment by allowing different securing hardware on a single rail surface [E.g. Data application servers (12-24 or 6mm) mounted on the same rackrail as Digital Signal Processors, video routers, etc.(10-32)].
- Easy to read rack units and symbol identifiers for 1RU and 2RU loading patterns are printed on both the tapped and punched side of each rail. For consistent loading, the #1 RU position is at the bottom of all racks.
- Easily perform shop/field conversion of the rack rail - prior to equipment installation. Lowell racks ship with threaded 10-32 rail in the primary equipment loading position. To convert the secondary square-punched hole position to primary, simply unscrew the rails, move rail from left side of rack to right and vice-versa, then re-secure (the #1 RU marked rail position should still be at the rack bottom). The square punched holes accept cage nuts and screw sizes 12-24, 6mm and 10-32. See hardware listed on page2.
- Secondary side of the rail (tapped or punched) may be used for wire management and/or accessory mounting.
- Rails include fixed hole positions for securing the rail during transport or at the site when forward or backward movement of loaded equipment/rails is not desired.
- Short rail model L212-36 provides a unique solutions for adding extra rails to racks 24U and taller. The 21RU rail includes a three-hole pattern (round, obround, round) that aligns to the top or bottom of the front-to-rear mounting rail supports (hat sections) in the rack and secures with mounting hardware. Additionally, there is a second securing position on the rail that aligns to another hat section regardless of rack height.

Series L212 Mounting Rails

Model	Description	Pkg Qty
L212-12	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 12PS 7RU	1 Pair
L212-17	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 17PS 10RU	1 Pair
L212-21	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 21PS 12RU	1 Pair
L212-28	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 28PS 16RU	1 Pair
L212-36	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 36PS 21RU	1 Pair
L212-42	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 42PS 24RU	1 Pair
L212-61	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 61PS 35RU	1 Pair
L212-70	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 70PS 40RU	1 Pair
L212-77	Adj. 2-side Mtg. Rails tapped 10-32 & punch 12-24 for 77PS 44RU	1 Pair



Open Frame Rack

Solid Side Rack



Portable Rack

Important Rail Ordering Information

For ordering convenience, please note the quantity of rails installed in Lowell racks and cabinets. If rear rail support is required for equipment or accessories, please order L212 Series rails shown on page one. If ordered at the same time as the rack or cabinet, extra rails will be shipped installed. Please see chart below.

Open Frame Ganging Racks

L275 Series 19"W x 22"D racks	1 pair adjustable rails installed
L277 Series 19"W x 27"D racks	2 pair adjustable rails installed
L278 Series 19"W x 32"D racks	2 pair adjustable rails installed
L279 Series 19"W x 36"D racks	2 pair adjustable rails installed

Solid Side Stand Alone Rack Cabinets

L265 Series 19"W x 22"D cabinets	1 pair adjustable rails installed
L267 Series 19"W x 27"D cabinets	1 pair adjustable rails installed
L268 Series 19"W x 32"D cabinets	2 pair adjustable rails installed
L260 Series 19"W x 22"D cabinets	1 pair fixed rails installed*
L262 Series 19"W x 27"D cabinets	1 pair fixed rails installed*

Solid Side Portable Rack Cabinets

L258 Series 19"W x 22"D rolling cabinets	1 pair adjustable rails installed
L259 Series 19"W x 27"D rolling cabinets	1 pair adjustable rails installed

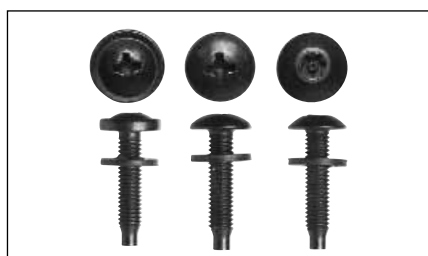
*Note: L212 Series adjustable rails may be installed to the rear "Z-angle" in L260 and L262 Series cabinets to provide rear rail support; however, the rails will not be adjustable as Z-angle is welded into position.

Open Frame
Floor

Solid Side
Floor &
Desk

Wallmount
Surface &
Recessed

Companion Accessories (order separately)



RSP Phillips Finish Head
RS Phillips Truss Head
RSV Torx® Star Post Head

NEW RSR Robertson square head available!



RSP-500 / RS-500 Jars

Model	Description	Quantity
Screws for tapped rail use or on punched rails with 10-32 cage nut		
RSP-25	Hdwr phillips finish head pilot pt w washers Blk 10-23x.875	25 pc bag
RSP-100	Hdwr phillips finish head pilot pt w washers Blk 10-32x.875	100 pc bag
RSP-500	Hdwr phillips finish head pilot pt w washers Blk 10-32x.875	500 pc jar
RS-25	Hdwr phillips truss head pilot pt w washers Blk 10-23x.875	25 pc bag
RS-100	Hdwr phillips truss head pilot pt w washers Blk 10-32x.875	100 pc bag
RS-500	Hdwr phillips truss head pilot pt w washers Blk 10-32x.875	500 pc jar
RSR-50	Hdwr robertson SQ- head pilot pt w washers Blk 10-32x.875	50 pc bag
RSR-BIT	Hdwr torx pin drive bit for RSR Series screws	1 Qty
RSV-50	Hdwr torx star post security pilot pt w washers Blk 10-32x.875	50 pc bag
RSV-BIT	Hdwr torx pin drive bit for RSV Series screws	1 Qty

Screws for square punched rail use

RS1224-100	Hdwr phillips pan head w separate washers Blk 12-24 x .75	100 pc bag
RS6MM-100	Hdwr phillips pan head w separate washers Blk 6mm x .75	100 pc bag

Cage Nuts for square punched rail use

RCN1224-100	Hdwr cage nuts Blk 12-24	100 pc bag
RCN6MM-100	Hdwr cage nuts Blk 6mm	100 pc bag
RCN1032-100	Hdwr cage nuts Blk 10-32	100 pc bag

Panels &
Accessories

Thermal &
Wire Mngmt

Rails & Hardware