

## Model No. **LSERF-2427**



### • Seismic certified rack (24U x 27"D x 23.06"W)

Seismic-certified enclosed rack with fixed rails is Professional Engineer (P.E.) certified to meet or exceed the seismic design requirements as specified in the 2009 International Building Code (IBC), Section 1613; the 2007 California Building Code (CBC), Section 1613; and California's Office of Statewide Health Planning and Development (OSHPD).

*Qualified seismic category: Racks requiring seismic design 'Anchorage' by code ( $I_p = 1.0$ ), but are NOT identified as a Life Safety/Essential System. These racks only require their supports and attachments (i.e., anchorage) to be seismically qualified and certified. See IBC, CBC and OSHPD document packages.*

*Note: Installation requirements vary based on application – refer to IBC, CBC and OSHPD document packages and specify the code to which your rack must comply when ordering.*

#### Construction & Features

- Welded 16-ga. steel rack with 14-ga. steel base. Base has welded brackets in each corner and holes for anchors (by others). Reinforcements at loadbearing junctures for strength equivalent to 11-ga. steel.
- 1 pair fixed mounting rails stay in the fully-forward position. Tapped 10-32.
- Z-angles with lacing holes welded to rear sides allows installation of power strip or rear rails.
- Welded sides with vents at top/bottom
- Recessed rear door with vents at top/bottom. Key lock. Removable knockout panels above/below door.
- Open front with vents at top/bottom (optional front door, order separately)
- Open top features 6"D rear conduit plane with knockouts for conduit: three (2"-1"), two (1.5"-1"), plus room to use a Greenlee-style punch for 4" conduit. Top also features knockouts for BNC style wireless antennas. Two steel panels (3U and 7U) are included to close the 10U opening. 19"W fan panels may be used instead (order separately).
- Black wrinkle powder epoxy finish.
- Made in USA with 100% certified U.S. steel
- UL Listed

#### A&E Specifications

The seismic-certified enclosed rack with fixed rails shall be UL Listed (Standard 1678) Lowell Model LSERF-2427 and shall include P.E. Certified documents for IBC, CBC, OSHPD. Rack shall measure 23.06"W x 27"D x 48.13"H with 24U panel space for mounting 19"W E.I.A. standard components. The rack shall feature welded sides with vents top and bottom, vented rear door, one pair fixed mounting rails tapped 10-32 and Z-angle welded in rear. The rack shall be 16-gauge certified U.S. steel with 14-gauge steel base, with reinforcement at loadbearing junctures. The rack shall feature compound knockouts on top for conduit size 2"-1" and 1.5"-1", .5" knockouts



for BNC wireless antennas, and 10U top opening with integral E.I.A. rackrail to accept 19" wide accessories (solid closure panels included). Base shall include welded brackets in corners and holes for anchors (by others). Rear frame shall include removable knockout panels for passage of large cable bundles above and below the rear door. Panels above rear door shall have 0.5" knockouts (for wireless microphone antennas) and include compound knockouts for conduit size .75"-.5" and 1.5"-1". Panels below rear door shall be blank project panels. Rack finish shall be black wrinkle powder epoxy paint.

## Options

**Front Door (LFD-24):** Surface-mount front door with key lock mounts left or right without drilling. Available in solid steel, fully vented steel, or smoked plexiglass.

**Extra Rails (RRD-24):** 24U mounting rails, tapped 10-32

## Model No. Summary

Model No.	Description	Panel Space	Overall Height	Overall Width	Overall Depth	Useable Depth
LSERF-2427	Seismic rack	24U	48.13"	23.06"	27"	24.34"
LFD-24	Solid front door					
LFD-24P	Smoked plexiglass front door					
LFD-24FV	Fully vented front door					
RRD-24	Mounting rails (1 pr, 24U)					

1 rack unit (RU or U) = 1.75 inches or 44.45 mm.

