



Model No.

# LGTR-5427



## Tall, Open-Frame Rack Supports Multi-Bay Cable Routing

Panel Space:	54U or 94.63" [2403]
Overall Height:	100.63" [2556]
Overall Depth:	27.00" [686]
Overall Width:	22.00" [559]
Load Capacity:	3150 lbs. [1429 kg] — UL Listed



## FEATURES

**CONSTRUCTION:** Fully-welded USA-certified steel, 16-gauge frame with seamless side frame construction, 14-ga. top and 14-ga. bottom reinforced at load-bearing junctions for robust support, strength equivalent to 11-ga. steel. Black-textured powder-coat finish. Beveled edge corners front and rear.

**FRONT:** Frame nutserts are ready to add optional surface-mount door (left or right swing). Order front door separately.

**REAR:** Removable knockout panel in frame above and below door. Combination EKO for conduit (1/2"-3/4" and 1"-1-1/2") and KOs for wireless antennae (1/2"). Includes recessed rear door with keyed lock (left or right swing).

**SIDES** (open access): Obround openings along base for cabling between racks. Optional side panel increases overall width 1" per side.

**CONFIGURABLE TOP:** 13U open top features riveted 10-32 threaded rails on 19" EIA spacing. Optional 19" panels (fan, vent, etc.) to close top may be purchased separately.

**BOTTOM** (open access): Includes 10-32 threaded grounding stud in corner, 3/8"-16 threaded T-nuts for (optional) leg levelers, and holes for anchor bolts (by others). Opening is 22.88"D x 18.89"W.

**RAILS** (fully adjustable): Two-pairs of 11-ga. steel 10-32 threaded rails on EIA spacing with numbered RU increments (rails mount in either direction). Smooth-black finish. Clearance for wire management from front rail to outside frame (1.5") and from front rail to (optional) surface-mount door (2.25").

**HARDWARE:** Pilot point screws with captive washers for quick installation. (50)

**COMPLIANCE:** EIA/TIA compliant, TAA compliant, and BAA compliant. UL 2416 Listed in the USA and Canada.

## OPTIONAL ACCESSORIES

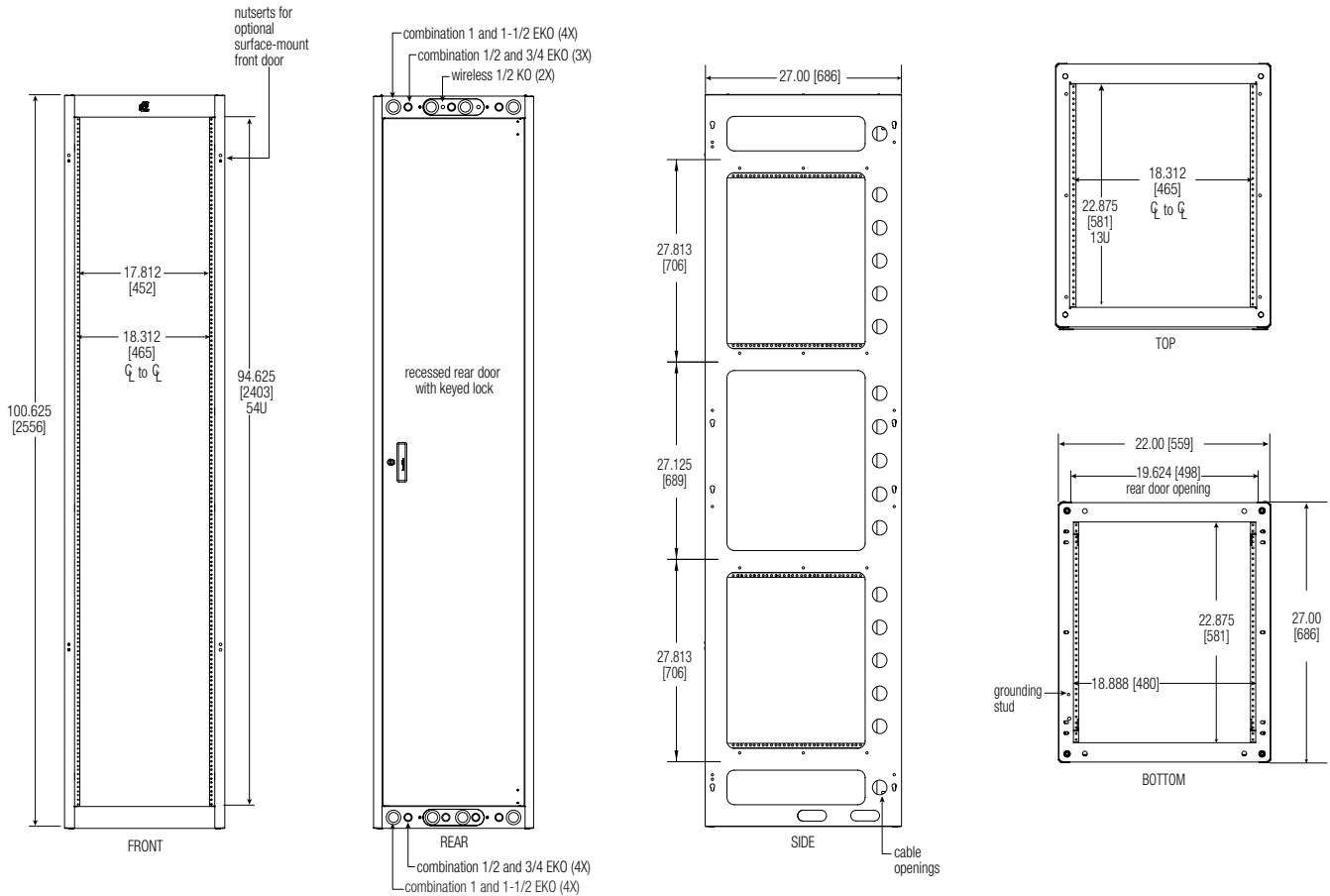
- **LFD-54:** Solid steel surface-mount front door with keyed lock

## A&E SPECIFICATIONS

The EIA/TIA-compliant 19" gangable equipment rack shall be Lowell model LGTR-5427 with overall dimensions of 100.63"H x 27.00"D x 22.00"W; usable height of 54 rack units, and usable depth of 24.34". Rack construction shall be fully-welded steel with 16-gauge frame 14-ga. top, and 14-ga. bottom reinforced at load-bearing junctions. Open sides shall feature obround openings along bottom rear. The rack shall include a recessed rear door with keyed lock, combination knockouts for conduit wiring above and below door (1/2"-3/4" and 1"-1-1/2" EKO's), and knockouts for wireless antennae (1/2" KO's). The front shall feature provisions to accept an (optional) surface-mount door with left or right hand swing. The 13U fully-open top shall feature riveted 10-32 threaded rails on 19" EIA spacing. Rack bottom shall have an opening measuring 22.88" x 18.89" and include a grounding stud. Rack shall include two-pairs of adjustable 11-gauge steel rails tapped 10-32 on 19" EIA spacing with smooth-black finish. The rack shall be manufactured in the USA using USA-certified steel and have a black-textured powder-coat finish. It shall be UL 2416 Listed, Trade Agreement Act (TAA) compliant, and Buy American Act (BAA) compliant.

## TECHNICAL DRAWINGS

Dimensions are inches and [mm] unless stated otherwise.



## MODEL SUMMARY

Model No.	Units	Rack Overall Depth	Usable Depth	Overall Height	Usable Height	Overall Width	Top Opening	Bottom Opening Depth	Bottom Opening Width	Adj. Rails
LGTR-5427	54 U	27.00 [686]	24.34 [745]	100.63 [2556]	94.63 [2403]	22.00 [559]	13 U	22.88 [581]	18.89 [480]	2 pr

Rack dimensions (rounded) – inches and [mm]; 1U = 1.75"