

# **What size square holes are best for network cabinet installation**



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Importance of Rack Screw Holes  
Threaded Holes  
Round Unthreaded Holes  
Universal Square Rack Holes  
Square rack holes are the most popular on new server racks today. They have square holes that are 3/8" by 3/8" and are typically on steel uprights that can be anywhere from .085" to .11" thick, which makes them strong enough to support virtually any equipment. This type of hole has made it much easier for manufacturers to develop "quick rails". ...See more on racksolutions  
techonthefield



The most common types are square holes and round holes, typically sized for 12-24 and 10-32 threads per inch. These sizes ensure compatibility with standard rack units, including 19-inch ...



This dimension is not well maintained on some racks, causing problems with equipment installation. Many manufacturers use equipment mounting slots instead of holes to allow for variations in this ...



The horizontal spacing of the vertical rows of holes is specified at 18 5/16" or 18.312" (465.1 mm). Unlike the vertical spacing, this dimension is not well maintained on some racks, causing problems with ...



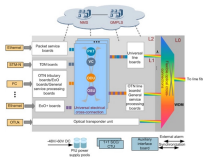
The standard cage nuts work with the standard square rack holes. However, different cage nuts have different threads with most common variations being M5, M6, 10-32, and 12-24.



The distance between the outside face of the front mounting post and the outside face of the back mounting post should be 26 to 32 in. (66 to 81 cm) to allow for rear-bracket installation.



Easy Enclosure and Equipment Installation This 6U server rack comes fully assembled for quick and easy deployment. Front and rear vertical rails with square mounting holes accept standard rack ...



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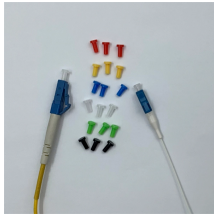
For quick installation or tool-less mounting, square rack holes were introduced and with these a "cage nut" is needed to mount equipment. Once installed, the cage nut works like an adapter and can ...



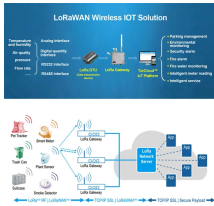
Before installing system components, locate the hole pattern in the rack rails to allow adequate Unit height (U) of vertical space. Rack cabinets that meet EIA-310 standards have an ...



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Two-Post Racks: Ideal for telecom installations, supporting equipment either by the front panel holes or closer to the center of gravity to minimize load on the front panel.



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