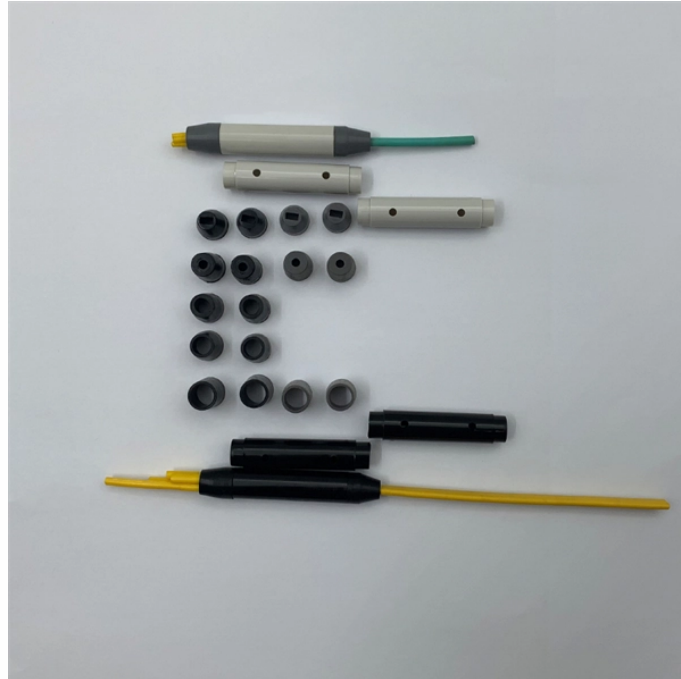


Is it safe to have no power distribution box in the computer room



Overview

To minimize possible differences in potential in the grounding systems for power circuits supplying IT equipment, it is common for these centers to be equipped with a single or multiple power distribution units (PDUs). Article 645 of the National Electrical Code provides specific requirements that must be met before the rules in Article 645 can be applied to an IT room. These include the following (in. NFPA LiNK is an innovative digital platform that provides instant access to 1,400 NFPA codes and standards including the NEC, along with exclusive expert commentary, visual aids, and more.



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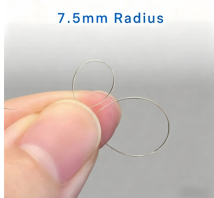
Answer: No, you can have telecom and electrical equipment in the same room (if electrical is not Level 1 loads) if all clearances are met. Refer to ...



In most cases, the room is locked, which helps create a method of control to ensure only qualified persons have access to energized electrical equipment as outlined in 110.26 (F).



Obstructions: The panelboard's working space must be kept clear and not used for storage. No obstructions like pipes, cabinets, or doors can block access to the panel.



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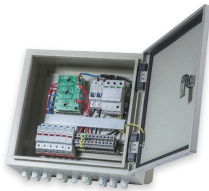
Sufficient access and working space shall be provided and maintained about all electric equipment to permit ready and safe operation and maintenance of such equipment.



I believe this is a security concern, I don't want non-IT people able to walk on a regular basis in the server room just because they need to check if they have electrical issues in the ...



Actually, it's not an error. The reason for this requirement would be very clear to you if you were part of a fire response team arriving at the scene with your water hose. Shutting off the main power prevents ...



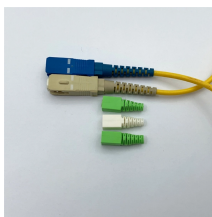
In most cases, the room is locked, which helps create a method of control to ensure only qualified persons have access to energized electrical equipment as outlined in 110.26 (F).



In many cases, a short in computer equipment will be self-limiting, due to loss of power to the equipment. It may not be necessary to use an extinguisher or the EPO in this case.



To protect workers by providing adequate space for safe access and egress in work areas with energized equipment. This "dedicated space" also protects the electrical equipment and allows for ...



Answer: No, you can have telecom and electrical equipment in the same room (if electrical is not Level 1 loads) if all clearances are met. Refer to TIA and BICSI.



To minimize possible differences in potential in the grounding systems for power circuits supplying IT equipment, it is common for these centers to be equipped ...

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