

Distance between cable tray and air duct



Overview

The horizontal safety distance between cable trays and ventilation ducts should generally be no less than 100 mm. In some projects, especially where airflow is critical, this distance may be increased to 150 mm or more. What is the required separation distance for them to be considered separate obstructions where we can omit sprinklers below, as long as they are 24" away (horizontal). Although BS 7671 touches on the subject of cable supports, it does not detail specifically what these support distances should be. 8 (Other Mechanical Stresses (AJ)) in that document provides requirements for cable support. I have 2 questions: Why there is a problem with "Point Z" node when I'm trying to connect it to "Element. Get location"?

Are there any other ways to get Z coordinates of every cable trays. Can't tell you for Canada, but in the US (NEC) there is no distance requirement (assuming no splicing / boxes or special conditions), just the common sense of being able get your hands in there to dress the cables in the tray. Not all cable ties are created equal. The information listed below can be.

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The codes from 12-2200 are for clearances from a cable tray to other cable trays, or other objects. And yes, 600mm clearance is what you would need from a cable tray to a conduit rack, ...



Distance Between Ducts in Order to not Obstruct? We have an overhead ESFR sprinkler system under NFPA 13-2013 with K22.4 sprinklers. What is the required separation distance for them ...



Cable trays shall be installed as a complete system using fittings or other means to provide adequate cable support and bending radius before the conductors are installed.



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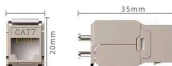
The support span is the distance of cable tray between supports. Your cable tray length must always be longer than or equal to the support span you have selected.



The conductors shall be secured to the cable tray (s) at the transition, and they shall be protected, by guarding or by location, from physical damage.



It is the cables that are being supported by the cable trays that limit where a cable tray wiring system may be installed. The only limitation on the cable tray is that it can't be used in hoistways or where ...



It lists 20 different installation methods such as open and clipped direct, embedded in building materials, in conduit, in trunking, on trays, in free air, in building voids, in ...



This guide covers the cable tray types and their appropriate applications, the fill rules for each configuration, ampacity derating requirements, separation of power and signal cables, and the ...



Cable tray length is selected based on the load to be supported, the distance between the supports (also referred to as the span), and handling and installation constraints.



The length between support positions will change depending on the cable design, size, materials and weight. For example, an MDPE sheathed cable will be stiffer and therefore require a greater distance ...



The exact steps you should take depend on exactly what you consider the location of the cable tray to be. For horizontal cable trays, you can ...

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