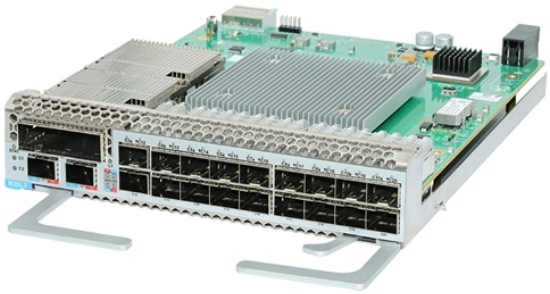
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Can cable trays be shielded





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Can cable trays be shielded



Discover how a cable tray shielding capability protects cables from EMI. Learn which cable trays work best and how to improve shielding for better performance.



In layman''s terms, a shielded tray cable is a type of electrical cable developed for installations with moderate to high ambient EMI (Electromagnetic Interference).



We compare and contrast shielded and unshielded tray cables to help you decided which is best for you next application.

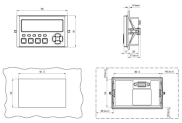


Placing a layer of foil or braided metal between the tray cable''s jacket and conductors substantially reduces EMI effects. The shielding, through its natural electrical properties, attracts, ...



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When specifying tray cable, you should first determine if your installation requires shielded or unshielded cable. Unshielded tray cables are more flexible than shielded tray...



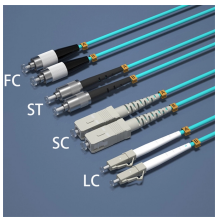
They are protected by either a plastic Jacket or metal armor over individual conductor insulations. They can be rated for outdoor, indoor, for corrosive areas, for hazardous locations, or high electrical noise ...



Cable tray installed in a hazardous location must contain only those cables that are appropriate for this type of environment as defined in Chapter 5 of the NEC.



Shielded tray cables provide some added durability and EMI protection, making them ideal for high-noise settings or applications with sensitive equipment.



G-iron shielded cable trays: a new shielding approach for cable trays: these trays are different from the traditional ones.



Selecting shielded or unshielded tray cable depends on the application and installation requirements. Shielded cables are necessary in environments with high electromagnetic interference (EMI) to ...

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