



Common cable management mistakes committed by industries

Introduction

Poor cable management in the industry can result in risks of tripping, wear, and tear of cables, or even short circuit or shock. Besides it also affects the operations and productivity of the machines. So the need for a cable management system is real. [Cable tray](#) is one such equipment worth the investment for cable management. These cable trays are effective and very useful systems that help prolong cable life. That said, it is also important to ensure managing the cable the right way. So, here is a list of common mistakes that you must avoid committing when using cable trays or when managing cables.



Common cable management mistake to avoid

Overloading of trays

Cable trays must carry just 50% of their capacity cables. Avoid overloading the trays and damaging them. So, ensure the trays are not stuffed and that the cables have enough ventilation.

Organize the cables

You must organize the cables well for maximum benefits and optimum operations. Use cable trays to organize loose cables. This will prevent the risk of tripping or damage.

Do not neglect maintenance

Neglecting the maintenance of cables is a safety risk and can even result in fire and shock. To prevent this regular checks and maintenance are a must. Check for any cables that are not insulated or not in use. Remove such cables to prevent any incidents.

Over tightening of cables

Over-tightening cable ties can damage the cables. So, ensure they are just placed well and not tight that damages them in a way that results in a short circuit. Also, ensure that the cables do not get tangled as this would also affect the productivity of the cables.

Purchase the right cable tray

[Cable tray manufacturers in India](#) offer a wide range of cable tray systems. However, selecting the right one is crucial for enjoying the maximum benefit. Further, using the wrong cable management system may affect the operations and productivity of the system in use. It is also important to ensure that the cable tray that you purchase is of the highest quality to avoid damage to the cables you place in it.

Considering the above points is crucial when you plan to use cable management systems like a cable tray for your industry. Be careful when installing and maintaining these systems as this is crucial for the successful use of [cable tray systems](#).