



How to keep your cables well protected while spending bare minimum on maintenance?

Introduction

Electric wires and cables need to be carefully handled for they could cause short circuit in the vicinity. Any amount of loose cables and wires at workspace or industry can be risky if not insulated well. For safety and protection of these cable wires, investing in [cable tray](#) is absolutely essential. Cable trays are instruments designed to protect and support cables in the industry. [Cable tray manufacturers](#) specialize in developing electric cable tray systems that are used by most industries. So, when laying down large number of heavy-duty cable wires on the shop-floor or in an industrial plant, tray cables are installed to insulate the cables and protect them. But what really makes this equipment so popular in comparison to other similar equipment's? Let us today understand why and how installation of cable tray systems can work out to be reasonable investment for protecting cables.



Benefits of using Cable Trays:

- **Cable trays** are probably the most cost-effective solution for protecting cable wires in an industry. In comparison to other similar system like the conduit system, cable tray works as an excellent alternative to support cable wires at a nominal cost. One of the main reasons for tray cables to be cost effective is low labour cost. The system is designed in such a way that parts of it are easy to assemble and hence it does not involve much labour work. Installing of a cable tray doesn't require additional accessories for re-drilling or cropping of the equipment. It therefore makes it cost effective and easy to install equipment.
- **Cable trays** are built strong and sturdy to effectively support and protect heavy-duty cables. Further, their design allows tracing of faulty cables, if any and facilitates quick and easy replacement. Moreover, cable trays provide greater strength in comparison to normal wires trays. Hence, they seem to be a more viable option than any other type of cable management system.
- Equipment's like the tray cable requires minimum space for installation. Besides they provide enough space for ventilation of cables, thus limiting the chances of overheating. Moreover, cable trays come with slots that provide extra cable carriers to be fit in. So, overall, the equipment facilitates extra space capacity to hold on additional cables while also ensuring they do not get cluttered or tangled in them.

Conclusion-

Going by the benefits that cable tray offers as mentioned above, they seem to be the best equipment for cable management in a given industry. However, depending on the industrial requirement one may opt for the right type to best fit their application. In general, there are types of cable trays that [cable tray manufacturers in India](#) supply. This includes the [ladder type cable tray system](#) and the [perforated cable tray system](#). These cable trays are specifically designed to meet the indoor requirements of cable management in the industry. **GI cable trunking manufacturers** have also come up with the provision of manufacturing galvanized cable trays that are suited for outdoor application. So, based on the industry use, application and feasibility, opt for cable trays to manage protect cable wires in the industry.