

Specifications for long-span cable trays in South Africa



Article Overview

Long-span cable trays in South Africa are typically made from pre-galvanised, hot-dip galvanised, or stainless steel, designed to support heavy cable loads over extended spans while complying with SANS and NEMA standards.

Materials and Finishes

Long-span cable trays are manufactured from mild steel, pre-galvanised steel (Z275), hot-dip galvanised steel, or stainless steel (304/316 grades), depending on environmental conditions and corrosion resistance requirements . Pre-galvanised steel is suitable for light-duty applications, while hot-dip galvanised and stainless steel are preferred for medium to heavy-duty or corrosive environments . Stainless steel options, including 3CR12, SS304, and SS316, are ideal for industrial, mining, and coastal installations .

Types of Cable Trays

- Ladder Type: Provides maximum support for heavy cables and allows airflow to prevent overheating. Suitable for power and control cables in industrial and commercial applications .
- Perforated Cable Tray: Features punched holes or slots for ventilation, balancing cable protection and airflow, ideal for moderate heat-generating cables .
- Wire Mesh Tray: Lightweight and flexible, suitable for IT, fiber optic, and network cables, allowing easy routing and cooling

Article Content

HT76 Heavy Duty Cable Tray

This cable tray range is a complete cable support system that is easily assembled on site. The HT76 tray system is designed to carry

Cable Trays | Cable Ladders

The SCHIPPER STEEL range of cable and reticulation management items includes Cable Trays (punched metal in straight lengths,

CABLE TRAY SYSTEMS GUIDE

Some applications may require the cable tray to support the weight of a single, dead object in addition to the cable loads.

Central Support Systems – For all your cable management needs

Central Support Systems offers a complete range of cable support products that cater for horizontally mounted applications, with

GUIDE CABLE TRAYS TECHNICAL

This standard specifies the requirements and test methods for cable trays, cable ladders, supports and their accessories to ensure

Wire Mesh Tray Technical Guide

Cablofil wire mesh tray and sup-ports are designed to support any cable load allowed by the NEC when supports are spaced on 8"

Galvanised Cable Trays | The Cable Manager

Introduction to galvanised cable trays Galvanised cable trays have become an indispensable element in modern cable management,

Cable Trays

Explore the reliable and efficient Baobab Metal Systems Cable Trays – designed for seamless cable organization in industrial,

Welded Wire Mesh Cable Trays | Wireforce Products

Perfect for streamlined and organized cable management, our welded wire mesh cable trays are ideal for industrial and commercial

Cable Trays, Cable Management Trays

These trays are designed to hold and support various types of cables, including power cables, data cables, and communication

Cable Trays | Cable Ladders

Our range of cable trays and cable ladders are available in light duty, medium duty and heavy duty. Supplied in punched sheet

Industrial Cable Trays in South Africa | Saar Industries

Saar Industries offers high-quality industrial cable trays in South Africa, designed for durable and efficient cable management in

Cable Tray | Wire-mesh | Perforated Cable Tray | Return Flange

Cable Tray supplier in South Africa. We supply Wire Mesh, Perforated, and Return Flange Cable Trays. We also supply accessories

Cable Tray & Accessories

POWERTEL offers a wide range of Telecommunication Equipment and Accessories on existing and new networks. We are supplying

Cabstrut Cable Reticulation Product Range

LCT Light Duty Cable tray straights and standard accessories are manufactured from pre-galvanised steel to SANS 3575:2008 / ISO

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return flange cable trays cable trays - light duty cable trays - medium duty cable trays - heavy duty strong span cable ladders cable

Cable Trays | Schneider Electric South Africa

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Cable Management Solutions no bleed marks

All cantilever support arms for cable ladders and trays should be 50mm longer than the width of the cable ladder or tray used. The

Cable Management Solutions no bleed marks

This cable tray range is a cable support system that is easily assembled on site. The LT12 & LT19 tray system is designed to carry

Cable Tray

Aluminium Cable Trays Our lightweight aluminium cable trays are engineered to minimise structural load and maximise efficiency in

Contact Us

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