

African cable tray bracket specifications



AI Overview

Cable tray brackets in Africa are typically made from carbon steel or mild steel, with electro-galvanized or hot-dip galvanized finishes, designed to support various cable tray types in commercial and industrial applications.

Material and Finish
Material: Carbon steel (Q235B) or commercial-grade mild steel is commonly used for durability and load-bearing capacity.
Surface Treatment: Electro-galvanized, pre-galvanized, hot-dip galvanized, powder-coated, or stainless steel (SS 202/304/316) finishes are available to resist corrosion and extend service life.

Dimensions and Thickness
Bracket Size: Typical dimensions include 123x33x35mm, with thickness ranging from 3mm to 8mm depending on the load and tray type.

Tray Compatibility:
Brackets are compatible with ladder, perforated, and basket cable trays, with tray heights ranging from 25mm to 100mm and widths from 40mm to 1000mm.

Load Capacity and Support
Static Load: Light to medium-duty trays (e.g., LT12 & LT19) support up to 140kg/m, while medium to heavy-duty trays (e.g., MT38) are designed for higher loads.

Support Spacing:
Standard practice requires supporting straight trays every 1.0m, with accessories supported near ends and center.

Applications
Mounting Options: Brackets can be used for ceiling, wall, or floor mounting, and for both horizontal and vertical tray installations.

Versatility:
Suitable for mesh basket trays, ladder trays, and perforated trays in commercial, industrial, and data center environments.

Standards Compliance
Steel Standards: Pre-galvanized steel typically conforms to SABS ISO 3575:1996, while hot-dip galvanized steel follows ISO 1461:1999.
Finish Standards: Galvanized finishes may comply with IS-277 or IS-2629 for corrosion resistance.

Accessories
Brackets are part of a full accessory range including junctions, reducers, elbows, and mounting hardware to ensure flexible and secure cable management.

In summary, African cable tray brackets are engineered for robust support, corrosion resistance, and compatibility with multiple...

Article Content

Cabstrut Cable Reticulation Product Range

PERFORATED METAL CABLE TRAY - MEDIUM DUTY (MCT) STANDARD ACCESSORIES
PERFORATED METAL CABLE TRAY - HEAVY DUTY (HCT) STRAIGHT CABLE TRAYS

Cable Tray Technical Guide A practical guide to product selection and ...

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a practical reference regarding cable tray characteristics, installation, and

Our Products

WIRE MESH CABLE TRAY, LIGHT, MEDIUM & HEAVY DUTY CABLE TRAYS AND ACCESSORIES CABLE LADDERS ECL 55, ECL 76, SPLICE & REDUCERS & ACCESSORIES CANTILEVER

Mesh cable tray systems

4 1 Product description OBO mesh cable tray systems stand out through their high load capacity and good ventilation. They can be used universally. The mesh cable trays are suitable for the installation

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For more information on our product and technical specifications, please refer to Product Specifications on page 36.

CABLE MANAGEMENT SYSTEMS CABLE TRAYS

Fiberglass Reinforced Plastic (FRP) Cable Tray / Ladder SFSP Fiberglass Reinforced Plastic (FRP) Cable Management Systems are designed, manufactured, and tested to be installed in most harsh

Galvanised Cable Trays | The Cable Manager

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

Full cable tray systems specification document

B. Cable tray systems are defined to include, but are not limited to straight sections of [ladder type] [trough type] [solid bottom type] [channel type] cable trays, bends, tees, elbows, drop-outs, supports

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Cable Management Solutions no bleed marks

This cable tray range is a complete cable support system that is easily assembled on site. The MT38 tray system is designed to carry electrical cables in a horizontal and vertical application, up to a

Strut Africa Product Catalogue 2025 | PDF | Screw

This document is a product catalogue for Strut Africa that includes: - Wiring channels of various sizes and specifications for transporting cables. - Trunkings

Cable Trays Market in Africa | Report

The Africa cable trays market stands at a critical inflection point, shaped by the continent's urgent infrastructure development agenda and its accelerating energy transition. This

Cabstrut Cable Reticulation Product Range

Cabstrut cable tray systems manufactured in accordance with BS EN 61537:2007 Return Flange mounting / fixing accessories are manufactured from pre-galvanised steel to SANS 3575:2008 / ISO

Guide to cable support systems

Universal systems for cable support structures are used for small loads. The systems are suspended from the ceiling with threaded rods, stand-off brackets allow raised floor mounting of cable trays,

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Outside Return Flange Cable Trays are produced with flanges returning towards outside of the tray. These tray systems are produced for Medium, Heavy, Extra Heavy and Double Extra Heavy Duty

Strut Africa

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Cabstrut Cable Reticulation Product Range

Home About Cabstrut Product Range Downloads Product Catalogues Standard Product Pricing PDF Standard Product Catalogue eFlip Technical Product Catalogue Product CAD Files Cable Ladder

Cabstrut Cable Reticulation Product Range

Cabstrut cable tray systems manufactured in accordance with BS EN 61537:2007 HCT Heavy Duty Cable tray straights and standard accessories are manufactured from Mild steel to BS 1449-1.2:1991,

Contact Us

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