

Telecommunications Distribution Box Dimensions and Specifications Table

Article Overview

Telecommunications distribution boxes vary by type, capacity, and mounting, with dimensions, internal clearances, and protection ratings specified for indoor and outdoor applications.

Overview of Distribution Box Types

Telecommunications distribution boxes are designed for indoor or outdoor use and can accommodate various connection modules, back-mount frames, and protective components. They are typically made from metal (GI sheet) or durable plastic, with provisions for earthing, cable entry, and secure locking. Boxes comply with standards such as TIA/EIA568A/B, CE, RoHS, ISO, and may have IP-55 protection for outdoor models .

Key Specifications Table

Box Type	Material	Capacity / Pairs	Internal Clearance	Mounting	Protection	Features
TOP-TS / TOP-TF / TOP-LS / TOP-PS / TOP-PF / TOP-S	Metal (GI sheet)	1-way to 36-ways	Varies by model	Wall or pole mount	IP-55	Reinforced body, slanted roof, Godrej 3-position lock, solid earthing points
100 Pair Telephone Distribution Box	Plastic	100 pairs	70mm (low-profile), 90mm (standard)	Wall mount, multiple configurations	N/A	Removable side/end panels, cable tie anchors, jumper rings, connector mountings, secure cover with recessed screws
Indoor/Outdoor Telephone Distribution Box	Metal	8/10 pair, 25 pair, 10 pair	STG, MDF, STB modules	Standard DIN rail mounting	Wall, wood, metal, concrete pole	N/A
Quick-connect modules, back-mount frames, rubber grommets, lid snaps open, lockable cover, easy access for terminations						

Additional Details

- o Outdoor Metal Boxes: Fabricated from 2 mm GI sheet with reinforced channels, slightly slanted roof with 50 mm overhang, and concealed hinges. Locking is typically a Godrej 3-position system, with additional manual locking options. Earthing points are provided on both sides .
- o Plastic Boxes: Designed for modularity, allowing multiple boxes to be joined using base clamps. Covers vary in profile to accommodate different back-mount frames and protective components .
- o Mounting and Installation: Boxes can be mounted on walls, poles, or concrete structures. Standard DIN rails are used for module mounting, and rubber grommets protect cables at entry/exit points .
- o Compliance and Standards: Boxes are designed to meet TIA/EIA568A/B, CE, RoHS, and ISO certifications. Outdoor boxes are tested for IP-55 protection to ensure resistance to dust and water ingress . This table and specifications provide a comprehensive reference for selecting the appropriate telecommunications distribution box based on capacity, material, mounting, and environmental protection requirements.



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BICSI -- Telecommunications Distribution Methods Manual BICSI - Installation Transport Systems Information Manual r hereto

Area boxes can be installed in technical flooring or in false ceilings. Area boxes are offered in Cat. 5e and Cat. 6 and should be

Plans and Specifications to be consistent with the University"s Design Guidelines and Performance Standards, including all

Telecommunications Bonding Conductor (TBC) shall be run from the service equipment power ground to the PBB. Locate the PBB

This section includes the specifications for constructing and building out of Telecommunications Equipment Rooms

The telecommunications contractor is responsible for pulling all voice, data and video intra-building backbone and horizontal cable as

General Technical Particulars for LT Distribution Boxes : - The L.T. Distribution Boxes should be of the dimensions as per the

It is the responsibility of the telecommunications distribution systems Designer to coordinate with the other designers on a project

These small distribution boxes are used to connect and distri-bute cables in indoor applications. The boxes with pre-installed

building core: A three-dimensional space permeating one or more floors of the building and used for the extension and distribution of

This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways. It

Telecommunications spaces are the backbone of structured cabling systems in commercial buildings. Proper sizing and layout are

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Product specifications, general design considerations, and installation guidelines are provided in this written document. Quantities of

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Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide

Refer to the Table of Contents and the associated links to quickly find any subject of interest. -Relocated Figures, Tables, Definitions,

Web: <https://millstraining.co.za>

