

How wide is the angle iron for cable tray support



Article Overview

Angle iron for cable tray support typically ranges from 20 mm to 200 mm in width, depending on load requirements and design specifications.

Standard Dimensions

Angle iron used for cable tray support comes in equal-leg and unequal-leg configurations. Common widths for equal-leg angles range from 20×20 mm up to 200×200 mm, while unequal-leg angles can range from 25×16 mm to 200×125 mm. Thicknesses vary from 3 mm to 20 mm, allowing customization based on the weight of the cable tray and environmental conditions . For example, a slotted angle iron designed for universal cable tray support may have slots measuring 7×30 mm along one side, with lengths up to 3 meters . Another practical example is a wall angle support kit with dimensions 32×2×2 inches, suitable for medium-duty cable tray installations .

Selection Considerations

- **Load-Bearing Capacity:** Wider and thicker angle irons provide greater structural stability, especially for heavy cable trays or long spans .
- **Installation Environment:** Hot-dip galvanized or stainless steel angle irons are preferred in corrosive or outdoor environments to ensure longevity .
- **Customization:** Many manufacturers offer custom lengths and widths to meet specific project requirements, including perforated or slotted designs for flexible mo...

Article Content

Jan 12, 2026

Cable Tray Angles

Steel Angle Cross-arm Punched Angle Iron Hot-dip Galvanized Cable Tray Support Accessories Fireproof Support Frame \$1-1.50 MOQ: 1000 pieces Handan Jinmai Fastener Manufacturing Co., Ltd.

Sep 11, 2025

Angle iron AI-LW-30-3000-3-M6 SS

Angle iron with lengthwise/longitudinal slots 7x30mm on one side for universal

Apr 05, 2026

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

SOLID-BOTTOM CABLE TRAY Providing additional cable protection, solid-bottom cable tray is sometimes preferred to support and protect numerous small instrumentation and control cables.

Aug 12, 2025

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

Mar 19, 2026

Wire Mesh Cable Trays Technical Information Detailed, Material ...

Wire Mesh Cable Tray Detailed Information: a. A job site, field adaptable support system primarily for low voltage telecommunication and fiber optic cables. These systems are typically steel wire mesh,

Mar 09, 2026

Can you install cable tray support brackets at an angle?

One common question that arises during cable tray installations is whether it is possible to install support brackets at an angle. In this article, we will explore this question in detail, discussing the benefits,

Mar 25, 2026

Cable Tray Design and Standards Guide

1. The document outlines codes and standards that must be followed for design and construction of cable trays and their components. Standards listed include those for materials, rolling and cutting

Apr 21, 2026

Cable Tray

Standard Support Construction Of The Cable Tray RS With the RS 60 cable tray installation system, we offer you the last installation type of the standard support construction, so that you can implement all

Sep 11, 2025

Cable Tray Supports | McMaster-Carr

These tray systems allow excellent ventilation and prevent sagging while routing. They support up to 280 lbs. per foot (based on a tray support, such as hanging clamps or a hanging bar, every 8 feet).

Apr 10, 2026

Cable Tray SHIB NAL

Cable trays are not raceways, but they are treated as a structural component of a facility's electrical system. Cable trays are a part of a planned cable management system to support, route, protect and

Sep 27, 2025

Cope Ladder Master Spec

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, and

Mar 26, 2026

Cablofil Electro Zinc Steel Wire Cable Tray 90° Angle Support

Cablofil Electro Zinc Steel Wire Cable Tray 90° Angle Support REF. CM840231 EAN. 3599078402313

Nov 27, 2025

Angle iron LW 11x30mm M10 3m

Angle iron with lengthwise/longitudinal slots 11x30mm on one side for universal support. Can be used to support cable trays, cable ladders and electrical installations.

Jun 23, 2026

Cable Tray Size and Dimensions: How to Choose the Right Fit for

Learn how to calculate the perfect cable tray size and dimensions for your electrical project. This guide covers load capacity, fill ratios, and industry standards.

Apr 18, 2026

Chatsworth 11421-730 Cable Tray Fitting, Wall Angle Support

Shop Cable Tray Fitting, Wall Angle Support Kit, Steel, 30 In., 32 X 2 X 2 In, 30 In, 2 In. H, 2 In L, 32 In. W By Chatsworth (11421-730) At Graybar, Your Trusted Resource For Cable Tray Fittings And Other

Mar 19, 2026

Cable Tray Load and Weight Calculations

The document provides details on calculating the load capacity of cable trays installed in a plant room. It lists the length, weight, and number of cable trays, cables, and supports at different installation tiers.

Jan 26, 2026

Vertical shaft angle steel support XQJ-TB-04Y

Home / Cable Tray System / Cable Tray Accessories / Vertical shaft angle steel support XQJ-TB-04Y Cable Tray Accessories, Cable Tray System Vertical shaft angle steel support XQJ-TB-04Y

Nov 25, 2025

Cable Tray Support Spacing: Key Guidelines Explained

Explore the essential cable tray support spacing requirements for safe and efficient installations. Learn NEC guidelines for perforated, ladder, and wire mesh trays.

Jul 24, 2025

Angle Tray - MAK Cable Trays & Fabricators

Established in the year 2003, MAK CABLE TRAYS & FABRICATORS has now become a popular manufacturer of wide range of cable tray products. The Quality of our products are recognized by the

Apr 29, 2026

Cable Tray Installation Specifications | PDF | Sheet Metal

This document provides installation guidelines for cable trays, including: 1) Cable trays come in perforated and ladder types, with perforated trays made of steel sheets and ladder trays made of

Jun 13, 2026

Cable Tray And Fittings | Graybar Store

A cable tray system is used to support insulated electrical cables used for power distribution, control, and communication. Cable trays are used as an alternative to open wiring or electrical conduit

Jan 02, 2026

B-Line series Cable Tray Design Considerations

Ladder cable tray is available in widths of 6, 9, 12, 18, 24, 30, 36, 42 and 48 inches with rung spacings of 6, 9, 12 or 18 inches. Note that wider rung spacings and wider cable tray widths decrease the overall

Oct 08, 2025

Best Practice Guide to Cable Ladder and Cable Tray Systems

Cable ladder systems and cable tray systems are designed for use as supports for cables and not as enclosures giving full mechanical protection. They are not intended to be used as ladders, walk ways

Nov 02, 2025

Cable Tray Sleeper Design Details | PDF | Length

Cable tray widths range from 5 to 150 cm. Sleeper heights and impeded plate lengths vary depending on the cable tray width. Concrete foundations are either above or below ground, and their dimensions

Nov 18, 2025

Cable Tray Support: Rod vs. Angle Steel

Learn about the different types of cable tray support, including rod supports and angle steel supports, and how to choose the right one for your electrical installation needs. Discover key

Jun 30, 2026

Cable Tray Accessories, Support Bracket, Fittings & More

Explore cable tray accessories, from brackets and hangers to supports and fittings. Learn about their applications and benefits for cable management.

Aug 19, 2025

How to Calculate the Cable Tray Support Quantity

Learn how to accurately calculate cable tray support quantities in electrical installation projects. Our guide covers methods, tools, and practical

Jun 05, 2026

TECHNICAL AND SIZING DATA

Even though a 900 mm wide tray has six (6) times the volume of a 150 mm wide tray, it cannot carry any more cable weight. When piling cable in tray, the required air separation between cables can be

Apr 23, 2026

Angle Iron

As a source manufacturer, we offer a full range of custom hot-dip galvanized angle iron, including equal/unequal-legged, perforated, and slotted configurations, meeting the rigid support requirements

Contact Us

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