

How to cut two 45-degree cable trays



Overview

To cut a cable tray for a 45-degree bend, you need to make two 22.5° cuts on two separate pieces of cable tray. By applying the following formula you can quickly find the size of cut out section that you need to cut out of the side of. Depends on the type of cable tray, you can buy 90° tray fittings or use a speed square with a straight edge and a grinder or skill saw to cut 45° cuts. Do you want a hard 90 or 2 spaced out 45° bends?

Need dimension of tray first width x side wall. The second piece's cut must be in the opposite direction. How to cut Oglaend System Support Channels, Cable Ladders and Cable Trays. Oglaend System manufacture and deliver Multidiscipline modular bolted support systems, cable trays, cable ladders and accessories for complete installation and containment of Instrument, Electrical, Telecom, HVAC and Piping. Developed by Interstates, this cable tray cutting guide acts as a guide for a metal cutting circular saw for cutting the side rail of a cable tray as well as a guide for drilling the connecting holes in the cable tray.



Article Content

Apr 01, 2026

how can i cut a cable tray for 45 degree bend?

To cut a cable tray for a 45-degree bend, you need to make two 22.5° cuts on two separate pieces of cable tray. Each cut should be 22.5° from a perpendicular line drawn across the tray's width.

Aug 14, 2025

Formulas for flat 45 degree bend in cable tray

Hi Would someone kindly let me know the formula to create a flat 45 in say 100 mm cable tray for example. So I can then use the formula on different cable tray sizes and to different angles.

Sep 12, 2025

How to create a 90° gusset bend (45°x2) cable tray

I am an apprentice electrician and looking knowledge on how to create a 90° bend on a cable tray suitable for SWA. I understand we have to create 2 separate 45° bends to allow the cable to sweep

Feb 20, 2026

How to Make A 45° Set in Electrical Trunking Using an Angle

The how to guide to manufacture a 45 degree set in Electrical trunking, step by step clearly showing how to make to a set measurement. This method uses an angle grinder although an hacksaw would ...

Dec 01, 2025

How to make 45°degree OFFSETS cable tray (50mm depth

45°degree offset cable tray. How to make 45°degree OFFSETS cable tray (50mm depth) Practical Tutorial 2

Jul 28, 2025

Cable Tray 90 (45*45) degree bend with 2 cuts with

#cable_tray_90_degree_bend_with_2_cutsCable try 90 degree bendLearn how to modify trunking tray and cable ladar#mrelectrations#mr_electrations

Feb 10, 2026

Cable Tray 45 Degree Offset Formula | How to Make 45 Degree

How to Make A 45° Set in Electrical Trunking Using an Angle Grinder to Measurement.
How to make 90°degree (45°x2) Cable trays/Trunking (100mm X 50mm) Practical tutorial 1

Feb 21, 2026

Make a 90 Bend in Electrical Cable Tray

The Easy Guide to... How to make a 90 electrical cable tray bend to measurement of your choice. Great if you are new or just forgot how to do it, this easy ...

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How to make cable tray bend / Cable tray offset formula / cable tray 45 ...

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Cable Tray Offset Formula | How To Make Cable Tray Offset Bend

How to make 45°degree OFFSETS cable tray (50mm depth) Practical Tutorial 2 Cable Tray Side Offset Calculation Formula | Complete Explanation in Hindi Cable Tray 3 Cut 90 Degree Bend !!

Aug 21, 2025

Cable Tray Cutting Guide

Developed by Interstates, this cable tray cutting guide acts as a guide for a metal cutting circular saw for cutting the side rail of a cable tray as well as a

Mar 28, 2026

How to cut Channels, Cable Ladders and Cable Trays

In the Oglaend System Cutting Guideline you can easily find out what the optimal cutting lengths/intervals are for all modular products. As well as, learn about

Sep 07, 2025

HOW TO BEND 45 DEGREE OF CABLE TRAY BASIC TUTORIAL

Cable trays are used as an alternative to open wiring or electrical conduit systems, and are commonly used for cable management in commercial and industrial construction.

Apr 12, 2026

Make a (45-45) 90 Gusset Bend in Electrical Cable Tray In One Piece

How to make a 90 electrical cable tray bend to measurement with a gusset of your choice using one piece of tray. Great if you are new or just forgot how to do it, this easy to follow guide makes ...

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CABLE TRAY CUTTING AND FORMULA

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TIPS HOW TO BEND CABLE TRAY USING X.80 FORMULA ANY SIZES OF CABLE TRAY ...

22.5 degree offset|how to find travel|how to find the V-shape cutting value How to make 45°degree OFFSETS cable tray (50mm depth) Practical Tutorial 2

Jan 27, 2026

Trunking Cutting Techniques Guide | PDF

The document provides instructions for forming various bends and joints in electrical trunking and cable trays. It describes: 1) How to mark and cut a right-angle

Mar 13, 2026

HOW TO FABRICATE A 45° SIDE OFFSET CABLE TRAY (LADDER TYPE)V-CUT ...

cabletray installation electrical industrial instrumentation HOW TO FABRICATE A 45° SIDE OFFSET CABLE TRAY (LADDER TYPE)V-CUT FORMULA and COMPUTATION

Jul 30, 2025

HOW TO BEND 90 DEGREE OF CABLE TRAY SUPPORT TO SUPPORT BASIC TUTORIAL

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution, control, and communication.

Dec 14, 2025

How to Calculate Size of Cut to Set Cable Tray

By applying the following formula you can quickly find the size of the cut-out section that you need to cut out of the side of the cable tray, or gutter-type

Feb 08, 2026

CUTTING GUIDELINE

Hilti's cordless bandsaw is an appropriate tool for cutting low height, thin metal products such as cable ladders and trays and support channels. Accurate cutting is achieved with low noise and debris.

Oct 29, 2025

Cable Tray Offset 45 Degree Bend | 50mm,100mm,150mm And 200mm Cable Tray

cable tray me offset 45 Degree Bend kaise baanye | cable tray 50mm, 100mm,150mm,200mm About Engineer : Engineer - Bhavesh sir About Video :- Use of Cable Trains in Electrical Work: Used in ...

Jan 03, 2026

How to make 90°degree (45°x2) Cable trays/Trunking (100mm X

90° Bend (45° x 2) Formula How to make 90°degree (45°x2) Cable trays/Trunking (100mm X 50mm) Practical tutorial 1

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