

What does dkg represent for cable trays



Article Overview

In cable tray documentation, "dkg" typically represents decagrams, a unit of mass equal to 10 grams, used to indicate the weight of the tray or its components.

Explanation

In technical specifications for cable trays, manufacturers often list the weight of trays, fittings, or accessories to help engineers calculate load capacities, support spacing, and structural requirements. The abbreviation "dkg" stands for decagram, where:

- 1 dkg = 10 grams
- 100 dkg = 1 kilogram This unit is sometimes used in European or international documentation to provide precise weight measurements without using decimals in kilograms. For example, a cable tray listed as 150 dkg would weigh 1.5 kg.

Relevance in Cable Tray Design

Knowing the weight of cable trays is critical for:

- Support span calculations: Heavier trays require closer support intervals to prevent sagging or structural failure.
- Load capacity planning: Engineers must account for the combined weight of the tray and the cables it carries to ensure compliance with safety standards like IEC 61537.
- Material selection: Different materials (steel, aluminum, stainless steel) have different densities, and weight specifications in dkg help compare options

Article Content

Dec 14, 2025

IEC 61537:2023 | IEC

Where necessary, cable tray systems and cable ladder systems can be used for the arrangement of cables into groups. This

Sep 11, 2025

Homepage | DKC Europe

DKC is a European leader, and offers a comprehensive range of cable tray systems and energy protection, transport and distribution

Jan 10, 2026

GUIDE CABLE TRAYS TECHNICAL

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules

Nov 14, 2025

B-Line series Cable Tray Design Considerations

Is your cable tray system optimized for safety, dependability, space and cost savings? Cable tray (or cable ladder) systems are a

Dec 28, 2025

CABLE LAddEr TrAY

Cable tray system components and cable ladder tray system components have been declared electrically non conductive. An overall

May 31, 2026

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

Cable tray installed in a hazardous location must contain only those cables that are appropriate for this type of environment as

Oct 23, 2025

TECHNICAL AND SIZING DATA

The cable ampacity installed in solid tray will be similar to cable installed without spacing in accordance with CEC Rule 12-1210 (3).

Jul 11, 2026

How to Read Tray Cable Markings and Labels?

The answer is affirmative, provided that the correct type of tray cable is selected. It is essential to recognize that not

Dec 06, 2025

ITER Cabling Handbook

This document deals with cables trays, cables and connector installation and segregation, cable trays earthing and E.M.C. directives.

Dec 03, 2025

CABLE TRAY SYSTEMS GUIDE

Commonly called the Load Class, this defines the load-carrying capability of the tray for a specific support span distance. The design

Nov 07, 2025

Full cable tray systems specification document

A. Submittal Drawings: Submit drawings of cable tray and accessories including clamps, brackets, hanger rods, splice plate

Jul 05, 2026

Types of Cable Typically Used in Cable Tray

Types of Cable Typically Used in Cable Tray The purpose of a cable tray system is to support, route, and protect cable as part of the

Apr 01, 2026

Product Specifications: CABLE TRAY

FDG CABLE TRAY FDG Cable Tray is designed to continuously support cable systems including; Power, Data, and Audio Visual. A

Aug 27, 2025

LEGRAND CABLE TRAYS TECHNICAL GUIDE

Not all cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management,

Jun 15, 2026

Cable tray manual

Ventilated trough cable tray is often used when the specifier does not want to use ladder cable tray to support small diameter

Apr 28, 2026

Guide to cable support systems

Four different mesh cable tray types are available, depending on the requirements, area of application and cable quantity. The

Mar 31, 2026

Types of Cable Trays – Advantages, Applications and Sizes

Explore the types of cable trays, their advantages, applications, and standard sizes. Learn how they improve cable

Nov 30, 2025

Cable Tray Size Chart and Selection Guide

Cable tray width represents the inside measurement between the longitudinal side rails and is the primary dimension

Jan 11, 2026

Codes and Standards | Cable Tray Institute

Covers construction and test requirements for continuous, complete nonmetallic systems of ladder, ventilated, solid bottom cable

Jul 03, 2026

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

Cable Tray Technical Guide A practical guide to product selection and installation This guide for engineers and installers has been

Dec 23, 2025

Product Specifications: CABLE TRAY

FDG CABLE TRAY ng; Power, Data, and Audio Visual. A quick and easy system to install without the need for specialised tools or

Mar 22, 2026

300 Electrical Abbreviations and Full Forms

In this post we have completely described the subject of electrical abbreviations and full full forms. So, guys don't skip

Apr 11, 2026

Cable Trays Selection Guide: Types, Features, Applications

Cable trays are components of support systems for power and communications cables and wires. A cable tray system supports and

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