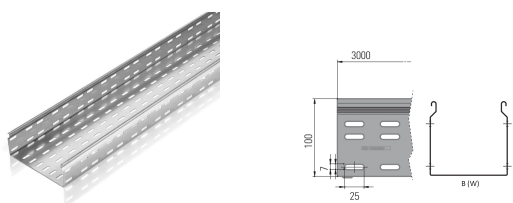


Fully perforated cable tray

The product identified with code T00181050 is a Fully perforated cable tray on both the bottom and sides, designed for the installation of large quantities of electrical cables. The structure guarantees excellent ventilation and lightness, making it ideal for complex applications. It is equipped with a safety profile that ensures greater safety during installation and provides high rigidity even with reduced thicknesses. This profile also allows for ceiling suspension, using the edge of the channel as an attachment point, and allows the path to be closed with snap-on covers, ensuring effective cable protection. It measures 500 mm in width, 100 mm in height and 1,2 mm in thickness, with a standard length of 3000 mm. The walkway has continuous slotting on the sides for connection to other channels and a row of slots on the bottom; all are 25x7 mm in size. It is made of Sendzimir galvanised steel, but is also available in stainless steel and with hot-dip galvanised or painted finishes. Identified with the description Fully perforated cable tray MT.3 100X 500, it is certified according to the safety and quality standards required for installations even in critical environments such as motorway and railway tunnels, ensuring reliability and durability over time. When the cover is fitted, it achieves IP20 protection.



T0 018 1050

Length: 3000

Coatings

- 01 Galvanization (Sendzimir method) - UNI EN 10346
- 03 Hot dip galvanizing - UNI EN ISO 1461
- 11 Grey RAL 7032 - ISO9227-ISO6270-ISO2810
- 15 Blue RAL 5015 - ISO9227-ISO6270-ISO2810
- 40 Stainless steel AISI 304 - UNI EN 10088
- 41 Stainless steel AISI 316L - UNI EN 10088

Technical Characteristics	
Dimension	
W (B)	500
Thickness	
[mm]	1,20
Conductor section	
[mm ²]	859,20
Weight	
[Kg/m]	6,00
Length	
[mm]	3000
SWL (N/m) as function of the span (S) [m] -EN 61537	
1,5 m	1352
2 m	756
2,5 m	526
3 m	178
Usable section of channel [mm ²] - EN 50085-2-1	

Fully perforated cable tray

1,5 m	48000
2 m	48000
2,5 m	25000
3 m	25000
3,5 m	22857
4 m	15250
Minimum distance	
[mm]	20,5
Bottom slots	
N°	18

Certified System

Norm EN 50085-2-1

Cable trunking systems and cable ducting systems for electrical installations

Part 2-1: Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings.

10.4 Linear deflection test

The test sample is subjected to an evenly distributed load of 1 g/mm² metre length of the declared usable area for cables.

Norm EN 61537-1 ed.2007

Cable management

Cable tray systems and cable ladder systems

UL - file E471266

Attention: for ZT and ZM material sold/assembled in U.S.A. and Canada, please require UL mark

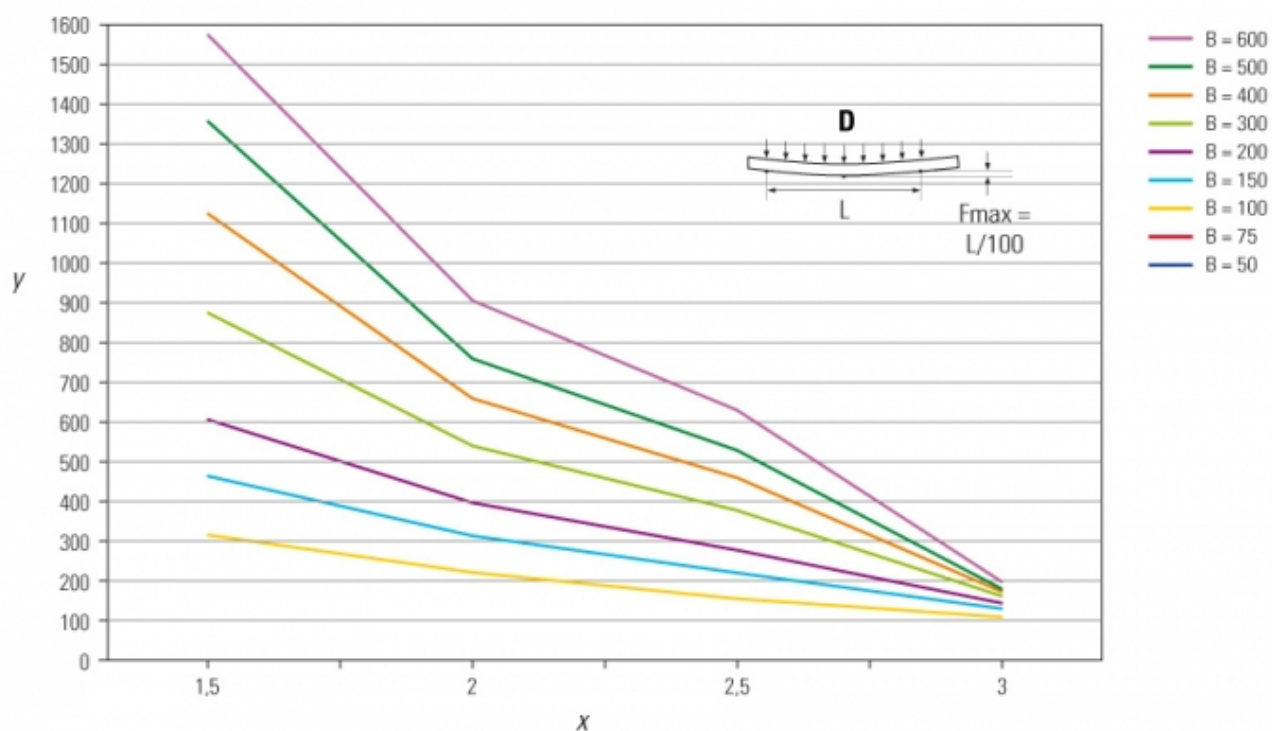
Fully perforated cable tray

Certifications



Fully perforated cable tray

Load Diagram



EN 61537-1

y= Max load (N/m)

x= Distance between supports (m)

D= Uniform load