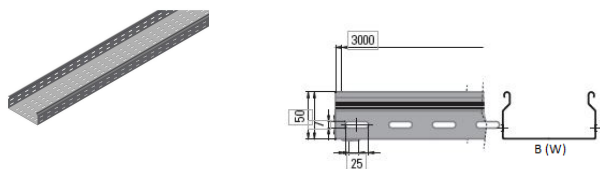


## Cable tray for motorway tunnels

- IP20 with COVER

The specific catalogue ZG and ZN is available on request



T0 053 0510

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)                                                       | 100    |
| Thickness                                                   |        |
| [mm]                                                        | 0,60   |
| Conductor section                                           |        |
| [mm <sup>2</sup> ]                                          | 130,80 |
| Weight                                                      |        |
| [Kg/m]                                                      | 0,96   |
| Length                                                      |        |
| [mm]                                                        | 3000   |
| SWL (N/m) as function of the span (S) [m] -EN 61537         |        |
| 1,5 m                                                       | 291    |
| 2 m                                                         | 194    |
| 2,5 m                                                       | 136    |
| 3 m                                                         | 74     |
| Usable section of channel [mm <sup>2</sup> ] - EN 50085-2-1 |        |
| 1,5 m                                                       | 4800   |
| 2 m                                                         | 4800   |
| 2,5 m                                                       | 2500   |
| 3 m                                                         | 2500   |
| 3,5 m                                                       | 2500   |
| 4 m                                                         | 1750   |
| Minimum distance                                            |        |

## Cable tray for motorway tunnels

|              |    |
|--------------|----|
| [mm]         | 25 |
| Slots pitch  |    |
| [mm]         | 50 |
| Bottom slots |    |
| N°           | 2  |

## 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/mm<sup>2</sup>

metre length of the declared usable area for cables.

Norm EN 61537-1 ed.2007

Cable management

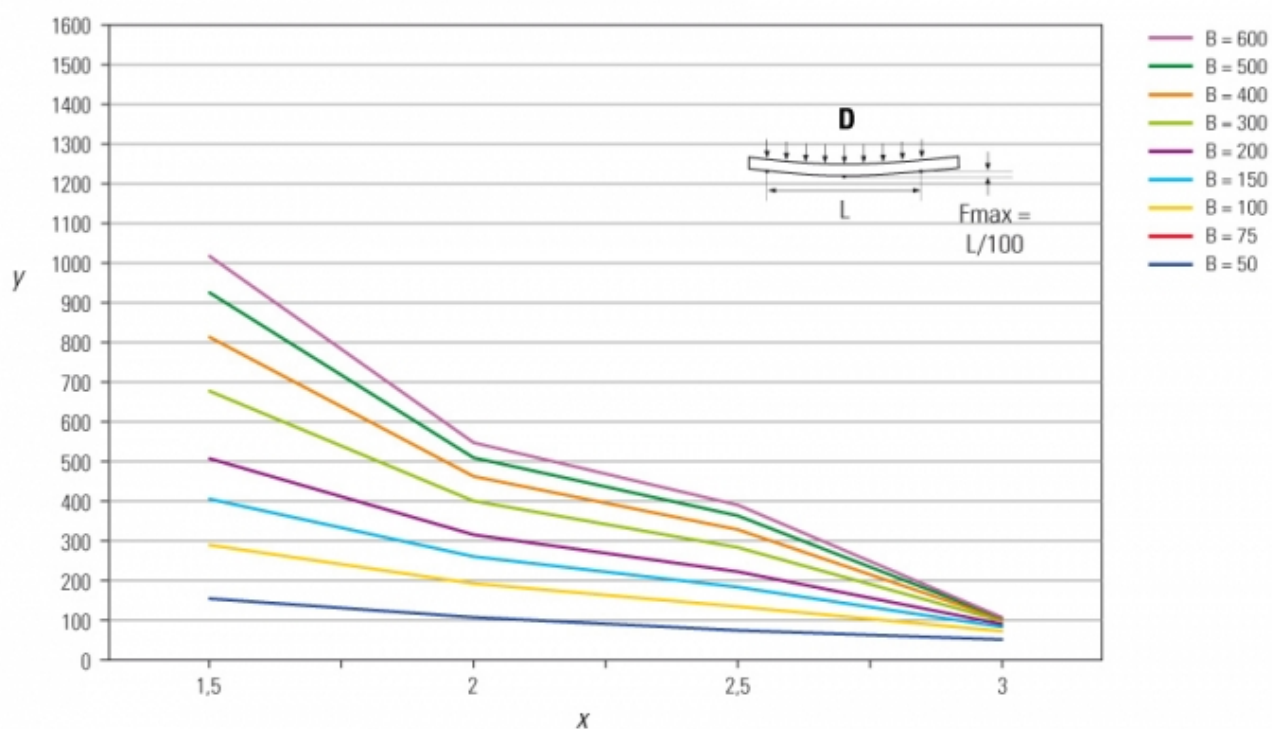
Cable tray systems and cable ladder systems

UL - file E471266

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

# Cable tray for motorway tunnels

## Load Diagram



EN 61537-1

$y$  = Max load (N/m)

$x$  = Distance between supports (m)

$D$  = Uniform load