

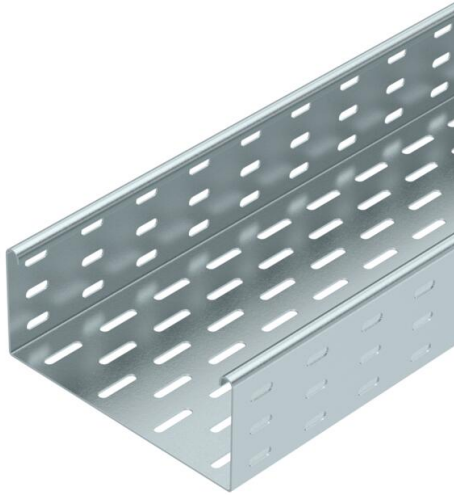
# Technical data sheet

## Cable tray MKS 85 FT

Item number: 6057621



MKS 85 = medium-duty cable tray system with a side height of 85 mm.  
Magnetic shield insulation without cover 20 dB, with cover 50 dB.



Steel



Hot-dip galvanised

### Master data

|                     |                    |
|---------------------|--------------------|
| Item number         | 6057621            |
| Type                | MKS 850 FT         |
| Description 1       | Cable tray MKS     |
| Description 2       | perforated         |
| Manufacturer        | OBO                |
| Dimension           | 85x500x3000        |
| Material            | Steel              |
| Surface             | Hot-dip galvanised |
| Surface standard    | DIN EN ISO 1461    |
| Smallest sales unit | 3                  |
| Unit of quantity    | Metre              |
| Weight              | 516.967 kg         |
| Weight unit         | kg/100 m           |

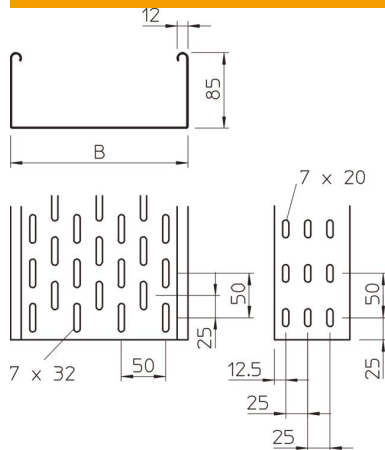
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### Dimensions



|                 |          |
|-----------------|----------|
| Dimension       | 85 x 500 |
| Length          | 3,000 mm |
| Width           | 500 mm   |
| Height          | 85 mm    |
| Plate thickness | 1 mm     |
| Dimension B     | 500 mm   |

### Technical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Connector version                       | Without connectors    |
| Mounting system fastening type          | Floor Ceiling Wall    |
| Walkable                                | no                    |
| With cover                              | no                    |
| Mounting perforation in base            | yes                   |
| NATO hole pattern                       | no                    |
| Usable cross-section                    | 423 cm <sup>2</sup>   |
| Usable cross-section                    | 42300 mm <sup>2</sup> |
| Rustproof steel, pickled                | no                    |
| Side perforation                        | yes                   |
| Wide-span version                       | no                    |
| Load test type according to IEC 61537   | Type II               |
| Type of connector, cable support system | Screwed               |

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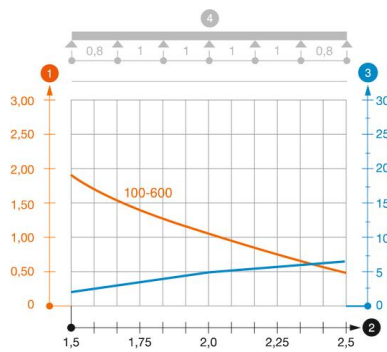
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### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m     |
| Insertable support spacings, max. | 2.5 m     |
| Support spacing 1.5 m             | 1.75 kN/m |
| Support spacing 1.75 m            | 1.4 kN/m  |
| Support spacing 2.0 m             | 1.1 kN/m  |
| Support spacing 2.5 m             | 0.5 kN/m  |



#### Load diagram, cable tray, type MKS 80

- 1 Permitted cable tray/ladder load in kN/m without man load
- 2 Support width in m
- 3 Rail bend in mm at permitted kN/m
- 4 Load scheme during testing
- Load curve with cable tray/ladder width in mm
- Strut bend curve according to support width
- \* From width 300 mm, tested with joint plate SSLB