

# Technical data sheet

## Cable tray MKS-Magic® 60, unperforated FT

Item number: 6059248



Unperforated cable tray with integrated quick fastening system. The usable length of the cable tray is 3,000 mm.  
Continuous equipotential bonding is guaranteed without additional components.



|    |                    |
|----|--------------------|
| St | Steel              |
| FT | Hot-dip galvanised |

### Master data

|                                   |                               |
|-----------------------------------|-------------------------------|
| Item number                       | 6059248                       |
| Type                              | MKSMU 610 FT                  |
| Description 1                     | Cable tray MKSMU              |
| Description 2                     | unperforated, quick connector |
| Manufacturer                      | OBO                           |
| Dimension                         | 60x100x3050                   |
| Colour                            | zinc                          |
| Material                          | Steel                         |
| Surface                           | Hot-dip galvanised            |
| Surface standard                  | DIN EN ISO 1461               |
| Smallest sales unit               | 3                             |
| Unit of quantity                  | Metre                         |
| Weight                            | 210.688 kg                    |
| Weight unit                       | kg/100 m                      |
| CO Footprint (GWP) Cradle-to-Gate | 4,6671 kg COe / 1 Meter       |

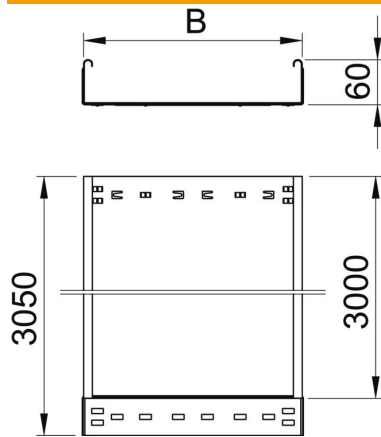
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### Dimensions



|                 |          |
|-----------------|----------|
| Length          | 3,050 mm |
| Width           | 100 mm   |
| Height          | 60 mm    |
| Plate thickness | 1 mm     |
| Dimension B     | 100 mm   |

### Technical data

|                                         |                      |
|-----------------------------------------|----------------------|
| Connector version                       | Integrated connector |
| Mounting system fastening type          | Floor Ceiling Wall   |
| Walkable                                | no                   |
| Maintain electrical functions           | no                   |
| With cover                              | no                   |
| Mounting perforation in base            | no                   |
| NATO hole pattern                       | no                   |
| Usable cross-section                    | 58 cm <sup>2</sup>   |
| Usable cross-section                    | 5800 mm <sup>2</sup> |
| Rustproof steel, pickled                | no                   |
| Side perforation                        | no                   |
| Wide-span version                       | no                   |
| Load test type according to IEC 61537   | Type II              |
| Usable length                           | 3000 mm              |
| Type of connector, cable support system | Click fastening      |

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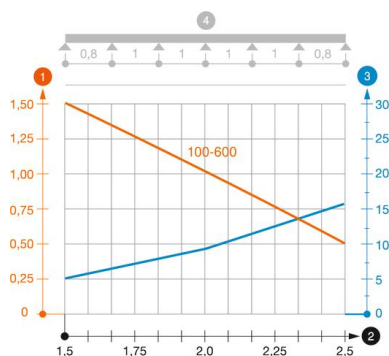
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### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m     |
| Insertable support spacings, max. | 2.5 m     |
| Support spacing 1.5 m             | 1.5 kN/m  |
| Support spacing 1.75 m            | 1.25 kN/m |
| Support spacing 2.0 m             | 1 kN/m    |
| Support spacing 2.5 m             | 0.5 kN/m  |



### Load diagram, cable tray, type MKSMU 60

- 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