

# Technical data sheet

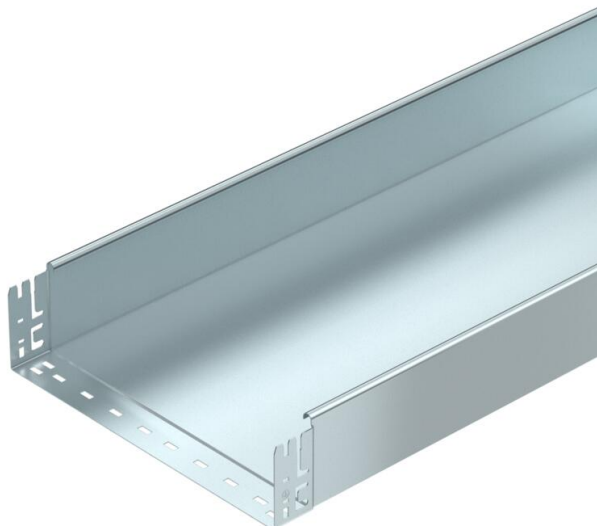
## Cable tray MKS-Magic® 110, unperforated FS

Item number: 6059390



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

FS

Strip galvanized

### Master data

|                                   |                               |
|-----------------------------------|-------------------------------|
| Item number                       | 6059390                       |
| Description 1                     | Cable tray MKSMU              |
| Description 2                     | unperforated, quick connector |
| Manufacturer                      | OBO                           |
| Dimension                         | 110x400x3050                  |
| Colour                            | zinc                          |
| Material                          | Steel                         |
| Surface                           | Strip galvanized              |
| Surface standard                  | DIN EN 10346                  |
| Smallest sales unit               | 3                             |
| Unit of quantity                  | Metre                         |
| Weight                            | 504.918 kg                    |
| Weight unit                       | kg/100 m                      |
| CO Footprint (GWP) Cradle-to-Gate | 11,7152 kg COe / 1 Meter      |

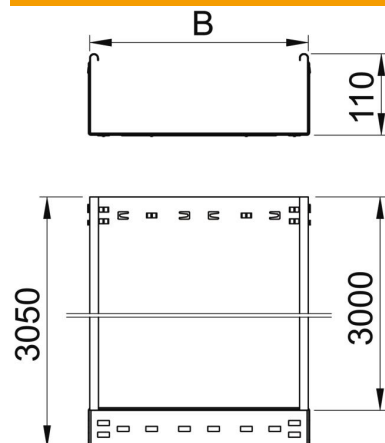
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### Dimensions



|                 |          |
|-----------------|----------|
| Length          | 3,050 mm |
| Width           | 400 mm   |
| Height          | 110 mm   |
| Plate thickness | 1 mm     |
| Dimension B     | 400 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                    | 438 cm <sup>2</sup>   |
| Usable cross-section                    | 43800 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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### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m     |
| Insertable support spacings, max. | 3 m       |
| Support spacing 1.5 m             | 1.85 kN/m |
| Support spacing 2.0 m             | 1.3 kN/m  |
| Support spacing 2.5 m             | 0.75 kN/m |
| Support spacing 3.0 m             | 0.6 kN/m  |



### Load diagram, cable tray, type MKSMU 110

- 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