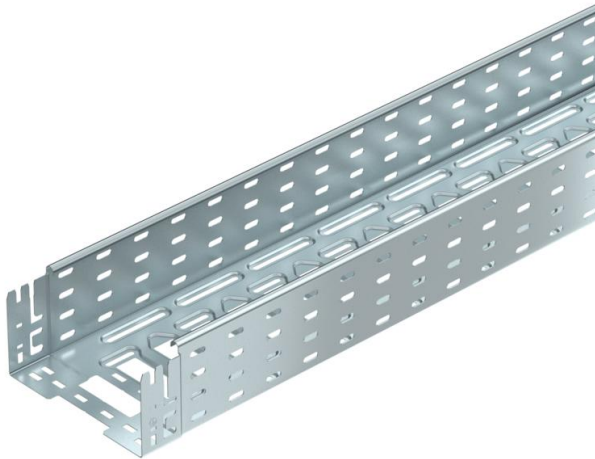


# Technical data sheet

## Cable tray MKS-Magic® 110 FS

Item number: 6059160



Cable tray with integrated quick fastening system. The usable length of the cable tray is 3,000 mm.

The cable tray has continuous side perforations of 7 x 20 mm for the installation of additional connection and mounting components.

From a cable tray width of 200 mm with 30% hole surface, suitable for use under sprinkler systems according to VdS guideline 2092. Continuous equipotential bonding is guaranteed without additional components.



St

Steel

FS

Strip galvanized

### Master data

|                                   |                             |
|-----------------------------------|-----------------------------|
| Item number                       | 6059160                     |
| Description 1                     | Cable tray MKSM             |
| Description 2                     | perforated, quick connector |
| Manufacturer                      | OBO                         |
| Dimension                         | 110x200x3050                |
| Colour                            | zinc                        |
| Material                          | Steel                       |
| Surface                           | Strip galvanized            |
| Surface standard                  | DIN EN 10346                |
| Smallest sales unit               | 3                           |
| Unit of quantity                  | Metre                       |
| Weight                            | 293.114 kg                  |
| Weight unit                       | kg/100 m                    |
| CO Footprint (GWP) Cradle-to-Gate | 8,0881 kg COe / 1 Meter     |

# Technical data sheet

## Cable tray MKS-Magic® 110 FS

Item number: 6059160



### Dimensions



|                 |          |
|-----------------|----------|
| Length          | 3,050 mm |
| Width           | 200 mm   |
| Height          | 110 mm   |
| Plate thickness | 1 mm     |
| Dimension B     | 200 mm   |
| Dimension L     | 80 mm    |
| Dimension x     | 96 mm    |
| Dimension y     | 162 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             | yes                   |
| NATO hole pattern                        | no                    |
| Usable cross-section                     | 218 cm <sup>2</sup>   |
| Usable cross-section                     | 21800 mm <sup>2</sup> |
| Rustproof steel, pickled                 | no                    |
| Side perforation                         | yes                   |
| Wide-span version                        | no                    |
| Magnetic shield insulation with cover    | 50 dB                 |
| Magnetic shield insulation without cover | 20 dB                 |
| Load test type according to IEC 61537    | Type II               |
| Usable length                            | 3000 mm               |
| Type of connector, cable support system  | Click fastening       |

# Technical data sheet

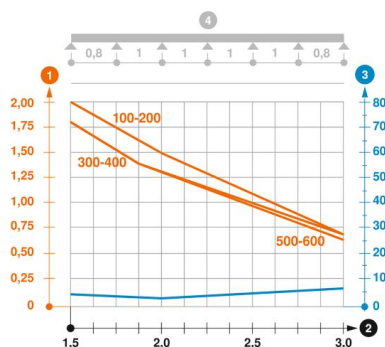
## Cable tray MKS-Magic® 110 FS

Item number: 6059160



### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m     |
| Insertable support spacings, max. | 3 m       |
| NEMA load class                   | 8A        |
| Support spacing 1.5 m             | 2 kN/m    |
| Support spacing 2.0 m             | 1.5 kN/m  |
| Support spacing 2.5 m             | 1.07 kN/m |
| Support spacing 3.0 m             | 0.7 kN/m  |



### Load diagram, cable tray, type MKSM 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