

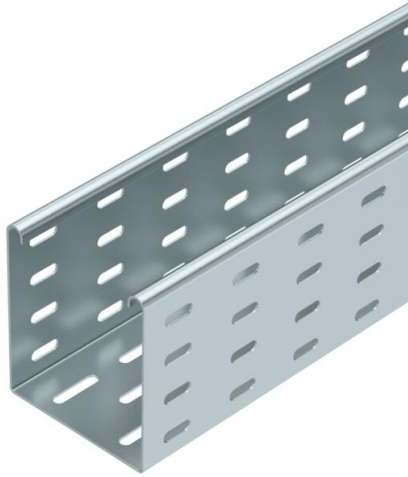
# Technical data sheet

## Cable tray SKS 110 FS

Item number: 6061109



SKS 110 = heavy-duty cable tray system with 110 mm side height.  
Magnetic shield insulation without cover 20 dB, with cover 50 dB.



|           |                  |
|-----------|------------------|
| <b>St</b> | Steel            |
| <b>FS</b> | Strip galvanized |

### Master data

|                                    |                          |
|------------------------------------|--------------------------|
| Item number                        | 6061109                  |
| Type                               | SKS 110 FS               |
| Description 1                      | Cable tray SKS           |
| Description 2                      | perforated               |
| Manufacturer                       | OBO                      |
| Dimension                          | 110x100x3000             |
| Colour                             | zinc                     |
| Material                           | Steel                    |
| Surface                            | Strip galvanized         |
| Surface standard                   | DIN EN 10346             |
| Smallest sales unit                | 3                        |
| Unit of quantity                   | Metre                    |
| Weight                             | 389.333 kg               |
| Weight unit                        | kg/100 m                 |
| CO2 Footprint (GWP) Cradle-to-Gate | 9,7093 kg CO2e / 1 Meter |

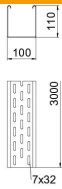
# Technical data sheet

## Cable tray SKS 110 FS

Item number: 6061109



### Dimensions



|                 |           |
|-----------------|-----------|
| Dimension       | 110 x 100 |
| Length          | 3,000 mm  |
| Length          | 10 ft     |
| Width           | 100 mm    |
| Width           | 4 in      |
| Height          | 110 mm    |
| Height          | 4 in      |
| Plate thickness | 0.06 in   |
| Plate thickness | 1.5 mm    |
| Maß W           | 100 mm    |

### Technical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Connector version                       | Supplied connectors   |
| 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                    | 108 cm <sup>2</sup>   |
| Usable cross-section                    | 10800 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               |

# Technical data sheet

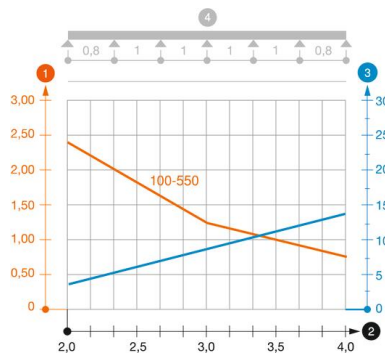
## Cable tray SKS 110 FS

Item number: 6061109



### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m     |
| Insertable support spacings, max. | 4 m       |
| Support spacing 1.5 m             | 3 kN/m    |
| Support spacing 2.0 m             | 2.4 kN/m  |
| Support spacing 2.5 m             | 1.76 kN/m |
| Support spacing 3.0 m             | 1.2 kN/m  |
| Support spacing 3.5 m             | 0.84 kN/m |
| Support spacing 4.0 m             | 0.8 kN/m  |



Load diagram, cable tray, type SKS 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