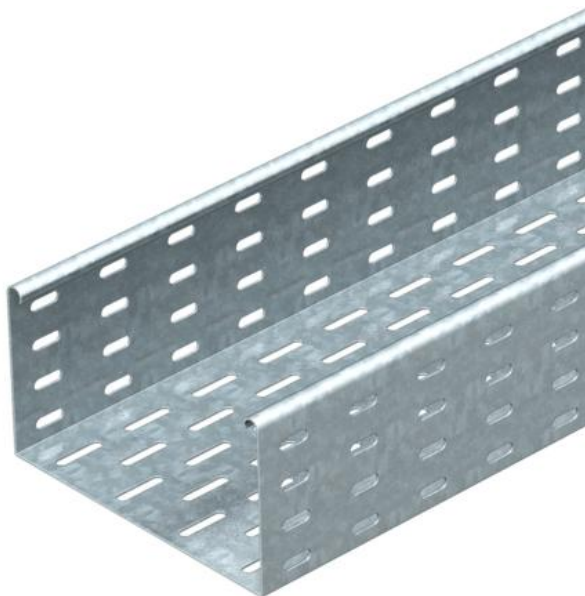


# Technical data sheet

## Cable tray SKS 110 FS

Item number: 6061400



SKS 110 = heavy-duty cable tray system with 110 mm side height.  
FS version includes connector, type RLVL 110.  
Magnetic shield insulation without cover 20 dB, with cover 50 dB.



- St** Steel
- FS** Strip galvanized

### Master data

|                     |                            |
|---------------------|----------------------------|
| Item number         | 6061400                    |
| Type                | SKS 140 FS                 |
| Description 1       | Cable tray SKS             |
| Description 2       | perforated, with connector |
| Manufacturer        | OBO                        |
| Dimension           | 110x400x3000               |
| Material            | Steel                      |
| Surface             | Strip galvanized           |
| Surface standard    | DIN EN 10346               |
| Smallest sales unit | 3                          |
| Unit of quantity    | Metre                      |
| Weight              | 681.67 kg                  |
| Weight unit         | kg/100 m                   |

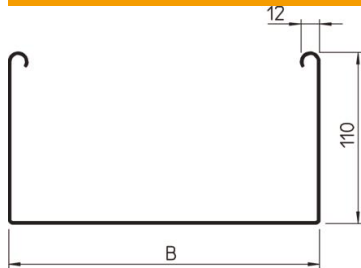
# Technical data sheet

## Cable tray SKS 110 FS

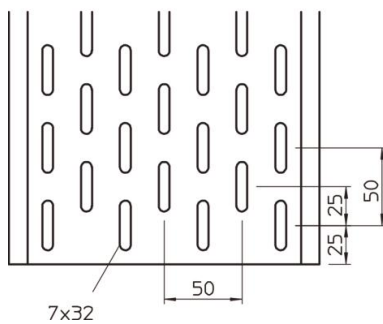
Item number: 6061400



### Dimensions



|                 |           |
|-----------------|-----------|
| Dimension       | 110 x 400 |
| Length          | 3,000 mm  |
| Length          | 10 ft     |
| Width           | 400 mm    |
| Width           | 16 in     |
| Height          | 110 mm    |
| Height          | 4 in      |
| Plate thickness | 0.06 in   |
| Plate thickness | 1.5 mm    |
| Dimension B     | 400 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                    | 438 cm <sup>2</sup>   |
| Usable cross-section                    | 43800 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

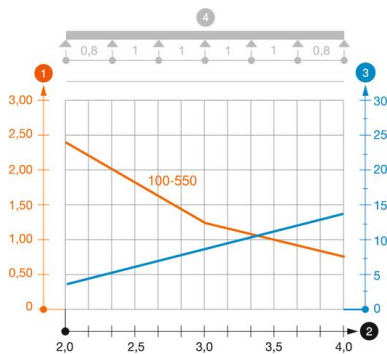
## Cable tray SKS 110 FS

Item number: 6061400



### 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