

# Technical data sheet

## Wide span cable tray WKSG 110 FT

Item number: 6098149



Wide span cable tray system, perforated, with a side height of 110 mm.  
Straight connectors of type WRVL 110 should be ordered separately and in the appropriate quantity.  
Magnetic shield insulation without cover 20 dB, with cover 50 dB.



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

### Master data

|                                    |                           |
|------------------------------------|---------------------------|
| Item number                        | 6098149                   |
| Type                               | WKSG 140 FT               |
| Description 1                      | Wide span cable tray      |
| Description 2                      | perforated, floor beaded  |
| Manufacturer                       | OBO                       |
| Dimension                          | 110x400x6000              |
| Colour                             | zinc                      |
| Material                           | Steel                     |
| Surface                            | Hot-dip galvanised        |
| Surface standard                   | DIN EN ISO 1461           |
| Smallest sales unit                | 6                         |
| Unit of quantity                   | Metre                     |
| Weight                             | 974.74 kg                 |
| Weight unit                        | kg/100 m                  |
| CO2 Footprint (GWP) Cradle-to-Gate | 21,0082 kg CO2e / 1 Meter |

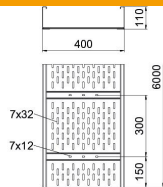
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### Dimensions



|                 |           |
|-----------------|-----------|
| Dimension       | 110 x 400 |
| Length          | 6,000 mm  |
| Width           | 400 mm    |
| Height          | 110 mm    |
| Plate thickness | 2 mm      |
| Dimension B     | 400 mm    |
| Dimension L     | 6,000 mm  |

### Technical data

|                                          |                       |
|------------------------------------------|-----------------------|
| Connector version                        | Without connectors    |
| Mounting system fastening type           | Floor Ceiling Wall    |
| Maintain electrical functions            | no                    |
| Mounting perforation in base             | yes                   |
| Usable cross-section                     | 408 cm <sup>2</sup>   |
| Usable cross-section                     | 40800 mm <sup>2</sup> |
| Rustproof steel, pickled                 | no                    |
| Side perforation                         | yes                   |
| Wide-span version                        | yes                   |
| Magnetic shield insulation with cover    | 50 dB                 |
| Magnetic shield insulation without cover | 20 dB                 |
| Usable length                            | 6000 mm               |
| Type of connector, cable support system  | Screwed               |

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### Loads

Insertable support spacings, min. 3 m

Insertable support spacings, max. 8 m

Support spacing 3.0 m 2.9 kN/m

Support spacing 3.5 m 2.43 kN/m

Support spacing 4.0 m 2 kN/m

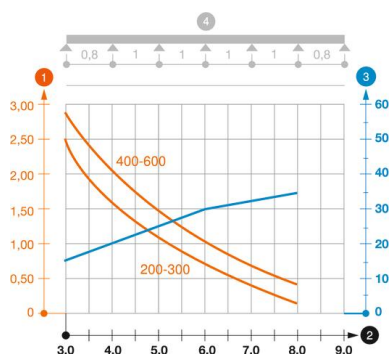
Support spacing 4.5 m 1.72 kN/m

Support spacing 5.0 m 1.5 kN/m

Support spacing 6.0 m 1 kN/m

Support spacing 7.0 m 0.7 kN/m

Support spacing 8.0 m 0.4 kN/m



### Load diagram, wide span cable tray, type WKSG 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