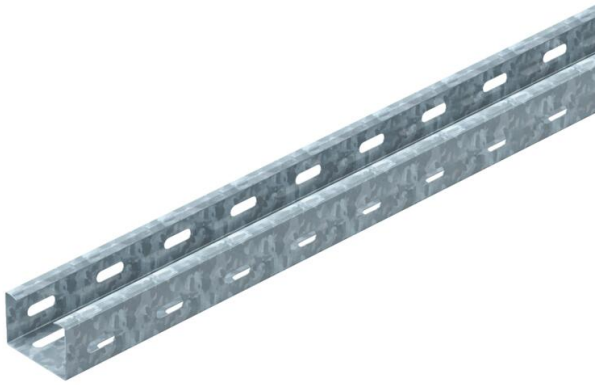
# Technical data sheet

## Cable tray RKS 35 FT

## Item number: 6047412

RKS 35 = Rational cable tray system with 35 mm side height.
Cable tray with continuous bottom and side perforation as well as central holes (Ø11 mm) in the base for additional fastenings.
Matching cover with turn buckle: Type AZDMD 50
Additional fastening material not included.



CE

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

### Master data

| | |
|---|---|
| Item number | 6047412 |
| Type | RKS 305 FT |
| Description 1 | Cable tray RKS |
| Description 2 | perforated |
| Manufacturer | OBO |
| Dimension | 35x50x3000 |
| Colour | zinc |
| Material | Steel |
| Surface | Hot-dip galvanised |
| Surface standard | DIN EN ISO 1461 |
| Smallest sales unit | 3 |
| Unit of quantity | Metre |
| Weight | 79.334 kg |
| Weight unit | kg/100 m |
| CO2 Footprint (GWP) Cradle-to-Gate | 1,9353 kg CO2e / 1 Meter |

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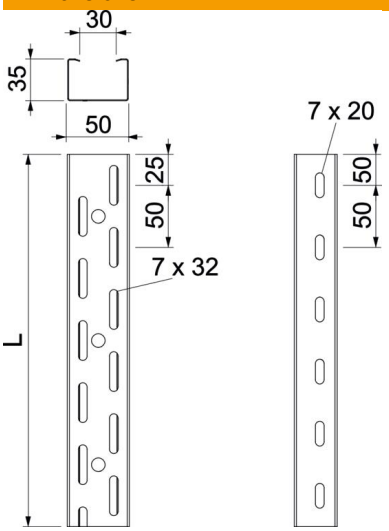
### Dimensions




| | |
|---|---|
| Dimension | 35x50 |
| Length | 3,000 mm |
| Width | 50 mm |
| Height | 35 mm |
| Plate thickness | 0.75 mm |
| Dimension L | 3,000 mm |

### Technical data

| | |
|---|---|
| Connector version | Without connectors |
| Mounting system fastening type | Floor Ceiling Wall |
| Walkable | no |
| Base perforation | 7 x 32 |
| Maintain electrical functions | no |
| With cover | no |
| Mounting perforation in base | yes |
| NATO hole pattern | no |
| Usable cross-section | 16 cm² |
| Usable cross-section | 1600 mm² |
| 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 |

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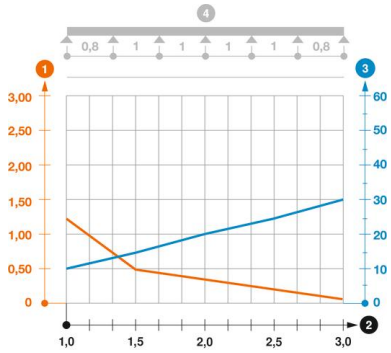
### Loads

| | |
|---|---|
| Insertable support spacings, min. | 1 m |
| Insertable support spacings, max. | 3 m |
| Support spacing 1.0 m | 1.2 kN/m |
| Support spacing 1.5 m | 0.5 kN/m |
| Support spacing 2.0 m | 0.3 kN/m |
| Support spacing 2.5 m | 0.1 kN/m |
| Support spacing 3.0 m | 0.05 kN/m |




**Load diagram, cable tray, type RKS 35**

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