

# Technical data sheet

## Cable ladder LCIS 60, 6 m C30 FS

Item number: 6209636



Cable ladder with a 60 mm side height with welded C30 profile rungs which are open in an upwards direction. Rolled side rail for reinforcement and as edge protection. Fastening to the bracket takes place using hold-down clamps, type LKS 40. The slot dimension of the rung is 16.5 mm and the appropriate clamp clip is type 2056.  
Magnetic shield insulation without cover 10 dB, with cover 15 dB.



|    |                  |
|----|------------------|
| St | Steel            |
| FS | Strip galvanized |

### Master data

|                                    |                         |
|------------------------------------|-------------------------|
| Item number                        | 6209636                 |
| Type                               | LCIS 650 6 FS           |
| Description 1                      | Cable ladder            |
| Description 2                      | perforated rung, welded |
| Manufacturer                       | OBO                     |
| Dimension                          | 60x500x6000             |
| Colour                             | zinc                    |
| Material                           | Steel                   |
| Surface                            | Strip galvanized        |
| Surface standard                   | DIN EN 10346            |
| Smallest sales unit                | 6                       |
| Unit of quantity                   | Metre                   |
| Weight                             | 332.34 kg               |
| Weight unit                        | kg/100 m                |
| CO2 Footprint (GWP) Cradle-to-Gate | 8,089 kg CO2e / 1 Meter |

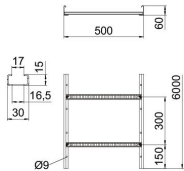
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### Dimensions



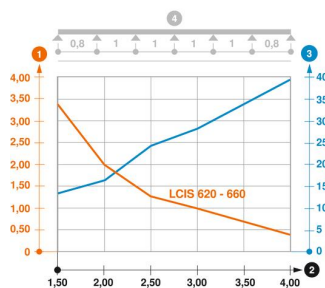
|                     |          |
|---------------------|----------|
| Length              | 6,000 mm |
| Width               | 500 mm   |
| Height              | 60 mm    |
| Dimension B         | 500 mm   |
| Rung slot dimension | 16.50    |

### Technical data

|                                |                       |
|--------------------------------|-----------------------|
| Version of the rungs           | Profile perforated    |
| Side rail version              | Flat profile          |
| Fastening of rung              | Welded                |
| Mounting system fastening type | Floor Ceiling Wall    |
| Maintain electrical functions  | no                    |
| Usable cross-section           | 200 cm <sup>2</sup>   |
| Usable cross-section           | 20000 mm <sup>2</sup> |
| Rustproof steel, pickled       | no                    |
| Side perforation               | yes                   |
| Rung distance                  | 300 mm                |
| Wide-span version              | no                    |
| Rail thickness                 | 1.5 mm                |

### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m     |
| Insertable support spacings, max. | 4 m       |
| Support spacing 1.5 m             | 3.3 kN/m  |
| Support spacing 2.0 m             | 2 kN/m    |
| Support spacing 2.5 m             | 1.3 kN/m  |
| Support spacing 3.0 m             | 1 kN/m    |
| Support spacing 3.5 m             | 0.78 kN/m |
| Support spacing 4.0 m             | 0.4 kN/m  |



#### Load diagram, cable ladder, type LCIS 60

- 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