

# Technical data sheet

LCIS 60 cable ladder, 6 m C30 FT

Item number: 6209647



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

**FT** Hot-dip galvanised

## Master data

|                     |                         |
|---------------------|-------------------------|
| Item number         | 6209647                 |
| Type                | LCIS 640 6 FT           |
| Description 1       | Cable ladder            |
| Description 2       | perforated rung, welded |
| Manufacturer        | OBO                     |
| Dimension           | 60x400x6000             |
| Material            | Steel                   |
| Surface             | Hot-dip galvanised      |
| Surface standard    | DIN EN ISO 1461         |
| Smallest sales unit | 6                       |
| Unit of quantity    | Metre                   |
| Weight              | 329.17 kg               |
| Weight unit         | kg/100 m                |

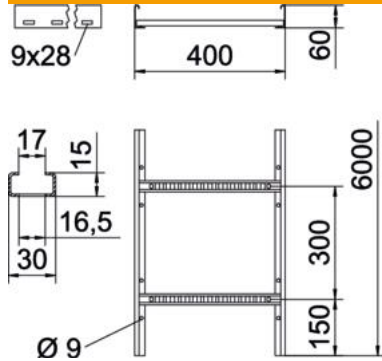
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## Dimensions



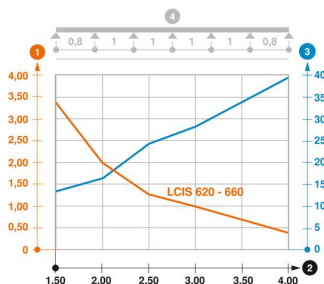
|                     |          |
|---------------------|----------|
| Length              | 6,000 mm |
| Length              | 6,000 ft |
| Width               | 400 mm   |
| Height              | 60 mm    |
| Dimension B         | 400 mm   |
| Rung slot dimension | 16.50    |

## Technical data

|                               |                       |
|-------------------------------|-----------------------|
| Version of the rungs          | Profile perforated    |
| Side rail version             | Flat profile          |
| Fastening of rung             | Welded                |
| Maintain electrical functions | no                    |
| Usable cross-section          | 160 cm <sup>2</sup>   |
| Usable cross-section          | 16000 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