# Technical data sheet

## LCIS 60 cable ladder, 3 m C30 FS

## Item number: 6209610

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 is done using hold-down clamps, type LKS 40. The slot dimension of the rung is 16.5 mm, the appropriate clamp clip 2056 H foot, type BS ..
Magnetic shield insulation without cover 10 dB, with cover 15 dB.

| | |
|---|---|
| St | Steel |
| FS | Strip galvanised |

### Master data

| | |
|---|---|
| Item number | 6209610 |
| Type | LCIS 620 3 FS |
| Description 1 | Cable ladder |
| Description 2 | perforated rung, welded |
| Manufacturer | OBO |
| Dimension | 60x200x3000 |
| Colour | zinc |
| Material | Steel |
| Surface | Strip galvanised |
| Surface standard | DIN EN 10346 |
| Smallest sales unit | 3 |
| Unit of quantity | Metre |
| Weight | 266.67 kg |
| Weight unit | kg/100 m |
| CO2 Footprint (GWP) Cradle-to-Gate | 6,4364 kg CO2e / 1 Meter |

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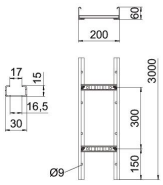
### Dimensions




| | |
|---|---|
| Length | 3,000 mm |
| Width | 200 mm |
| Height | 60 mm |
| Dimension B | 200 mm |
| Rung slot dimension | 17.00 |

### 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 | 80 cm² |
| Usable cross-section | 8000 mm² |
| ROHS-conformant | yes |
| Rustproof steel, pickled | no |
| Side perforation | yes |
| Rung distance | 300 mm |
| Wide-span version | no |
| Rail thickness | 1.5 mm |

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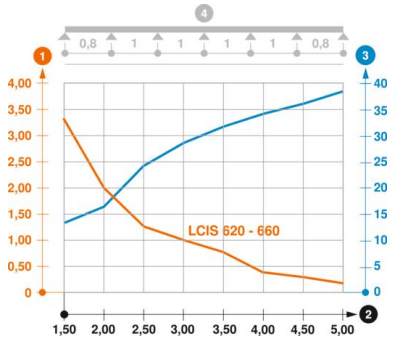
### Loads

| | |
|---|---|
| Insertable support spacings, min. | 1.5 m |
| Insertable support spacings, max. | 5 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 |
| Support spacing 4.5 m | 0.3 kN/m |
| Support spacing 5.0 m | 0.2 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