

# Technical data sheet

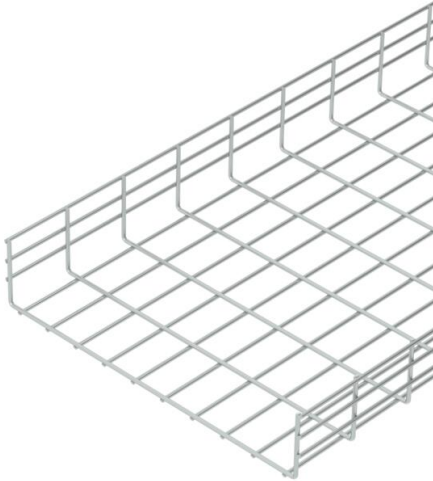
## Heavy-duty cable tray SGR 105 G

Item number: 6002620



Mesh cable tray made of spot-welded steel wire of side height 105 mm.  
The grid dimension is 50 x 100 mm.

Magnetic shield insulation without cover 15 dB, with cover 25 dB.



**St** Steel

**G** Electrogalvanized

### Master data

|                                    |                            |
|------------------------------------|----------------------------|
| Item number                        | 6002620                    |
| Type                               | SGR 105 500 G              |
| Description 1                      | Mesh cable tray SGR        |
| Manufacturer                       | OBO                        |
| Dimension                          | 105x500x3000               |
| Colour                             | zinc                       |
| Material                           | Steel                      |
| Surface                            | Electrogalvanized          |
| Surface standard                   | EN ISO 19598 / EN ISO 4042 |
| Smallest sales unit                | 3                          |
| Unit of quantity                   | Metre                      |
| Weight                             | 491.667 kg                 |
| Weight unit                        | kg/100 m                   |
| CO2 Footprint (GWP) Cradle-to-Gate | 9,3239 kg CO2e / 1 Meter   |

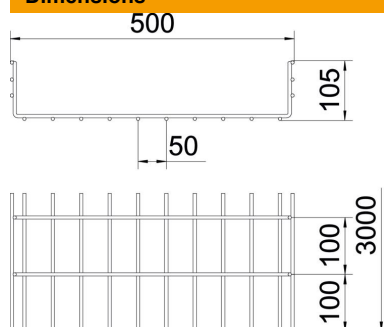
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### Dimensions



|             |          |
|-------------|----------|
| Length      | 3,000 mm |
| Width       | 500 mm   |
| Width       | 19.69 in |
| Height      | 105 mm   |
| Height      | 4.13 in  |
| Dimension B | 500 mm   |

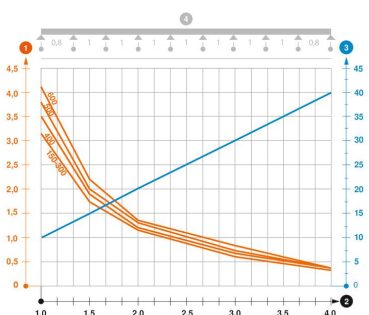
### Technical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Connector version                       | Without connectors    |
| Mounting system fastening type          | Ceiling Wall          |
| Maintain electrical functions           | no                    |
| Integrated partition                    | Without               |
| Usable cross-section                    | 459 cm <sup>2</sup>   |
| Usable cross-section                    | 45900 mm <sup>2</sup> |
| Profile shape                           | U-shaped              |
| Rustproof steel, pickled                | no                    |
| Wide-span version                       | no                    |
| Load test type according to IEC 61537   | Type II               |
| Type of connector, cable support system | Screwed               |

### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1 m       |
| Insertable support spacings, max. | 4 m       |
| Support spacing 1.0 m             | 3.8 kN/m  |
| Support spacing 1.5 m             | 2 kN/m    |
| Support spacing 2.0 m             | 1.3 kN/m  |
| Support spacing 2.5 m             | 0.93 kN/m |
| Support spacing 3.0 m             | 0.75 kN/m |
| Support spacing 3.5 m             | 0.64 kN/m |
| Support spacing 4.0 m             | 0.45 kN/m |

### Load diagram, mesh cable tray, type SGR 105



- 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