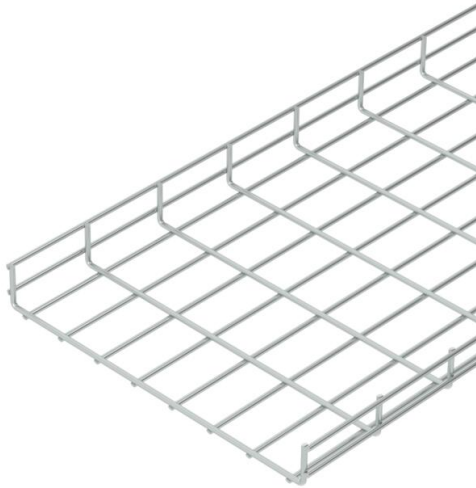


# Technical data sheet

## Heavy-duty cable tray SGR 55 G

Item number: 6005478



Mesh cable tray made of spot-welded steel wire of side height 55 mm.  
The grid dimension is 50 x 100 mm.

Stainless steel version on request.  
Magnetic shield insulation without cover 15 dB, with cover 25 dB.



- St** Steel
- G** Electrogalvanized

### Master data

|                     |                            |
|---------------------|----------------------------|
| Item number         | 6005478                    |
| Type                | SGR 55 400 G               |
| Description 1       | Mesh cable tray SGR        |
| Manufacturer        | OBO                        |
| Dimension           | 55x400x3000                |
| Material            | Steel                      |
| Surface             | Electrogalvanized          |
| Surface standard    | EN ISO 19598 / EN ISO 4042 |
| Smallest sales unit | 3                          |
| Unit of quantity    | Metre                      |
| Weight              | 357.033 kg                 |
| Weight unit         | kg/100 m                   |

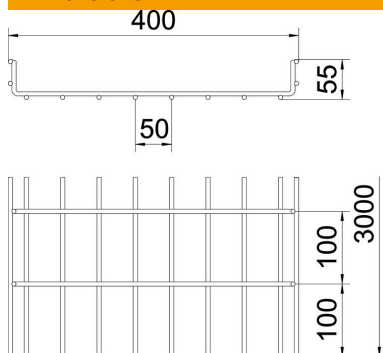
# Technical data sheet

## Heavy-duty cable tray SGR 55 G

Item number: 6005478



### Dimensions



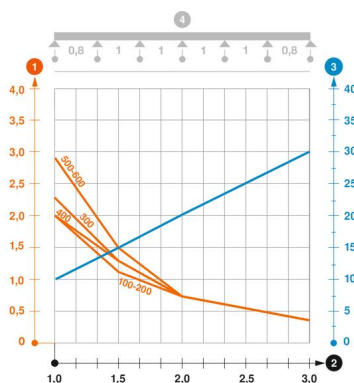
|             |          |
|-------------|----------|
| Length      | 3,000 mm |
| Width       | 400 mm   |
| Width       | 15.75 in |
| Height      | 55 mm    |
| Height      | 2.17 in  |
| Dimension B | 400 mm   |

### Technical data

|   |                       |
|---|-----------------------|
| Connector version                       | Without connectors    |
| Mounting system fastening type          | Ceiling Wall          |
| Maintain electrical functions           | no                    |
| Usable cross-section                    | 175 cm <sup>2</sup>   |
| Usable cross-section                    | 17500 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. | 3 m       |
| Support spacing 1.0 m             | 2.3 kN/m  |
| Support spacing 1.5 m             | 1.3 kN/m  |
| Support spacing 2.0 m             | 0.75 kN/m |
| Support spacing 3.0 m             | 0.4 kN/m  |



#### Load diagram, mesh cable tray, type SGR 55

- 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