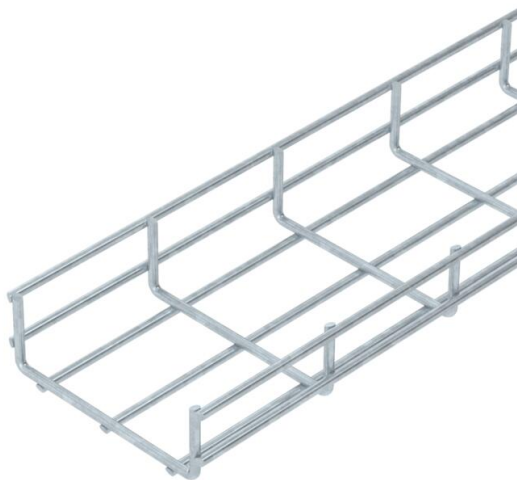


# Technical data sheet

## Heavy-duty cable tray SGR 55 FT

Item number: 6000190



Mesh cable tray made of spot-welded steel wire of side height 55 mm.  
The grid width is 50 x 100 mm.  
Magnetic shield insulation without cover 15 dB, with cover 25 dB.



**St**

Steel

**FT**

Hot-dip galvanised

### Master data

|                                    |                          |
|------------------------------------|--------------------------|
| Item number                        | 6000190                  |
| Type                               | SGR 55 150 FT            |
| Description 1                      | Mesh cable tray SGR      |
| Manufacturer                       | OBO                      |
| Dimension                          | 55x150x3000              |
| Colour                             | zinc                     |
| Material                           | Steel                    |
| Surface                            | Hot-dip galvanised       |
| Surface standard                   | DIN EN ISO 1461          |
| Smallest sales unit                | 3                        |
| Unit of quantity                   | Metre                    |
| Weight                             | 205.333 kg               |
| Weight unit                        | kg/100 m                 |
| CO2 Footprint (GWP) Cradle-to-Gate | 4,2876 kg CO2e / 1 Meter |

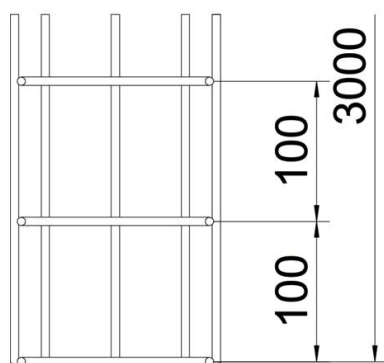
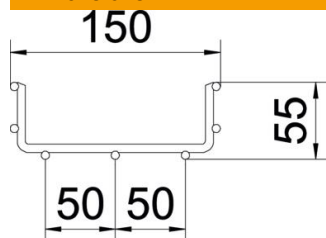
# Technical data sheet

## Heavy-duty cable tray SGR 55 FT

Item number: 6000190



### Dimensions



|             |          |
|-------------|----------|
| Length      | 3,000 mm |
| Width       | 150 mm   |
| Width       | 5.91 in  |
| Height      | 55 mm    |
| Height      | 2.17 in  |
| Dimension B | 150 mm   |

### Technical data

|                                         |                      |
|-----------------------------------------|----------------------|
| Connector version                       | Without connectors   |
| Mounting system fastening type          | Ceiling Wall         |
| Usable cross-section                    | 63 cm <sup>2</sup>   |
| Usable cross-section                    | 6300 mm <sup>2</sup> |
| Profile shape                           | U-shaped             |
| ROHS-conformant                         | yes                  |
| Load test type according to IEC 61537   | Type II              |
| Type of connector, cable support system | Screwed              |

# Technical data sheet

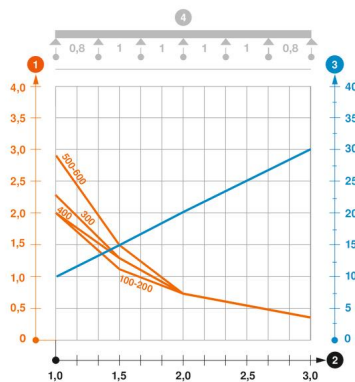
## Heavy-duty cable tray SGR 55 FT

Item number: 6000190



### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1 m       |
| Insertable support spacings, max. | 3 m       |
| Support spacing 1.0 m             | 2 kN/m    |
| Support spacing 1.5 m             | 1.15 kN/m |
| Support spacing 2.0 m             | 0.75 kN/m |
| Support spacing 2.5 m             | 0.5 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