

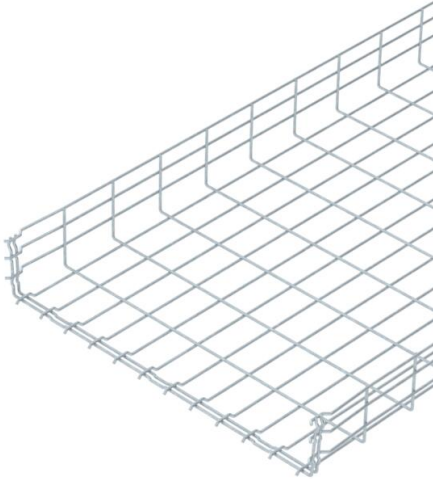
# Technical data sheet

## Mesh cable tray GR-Magic® 105 FT

Item number: 6002445



Mesh cable tray with shaped connector of side height 105 mm.  
No additional connection components are required for the mesh cable tray, it is simply interlocked. 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                       | 6002445                 |
| Type                              | GRM 105 600 FT          |
| Description 1                     | Mesh cable tray GRM     |
| Manufacturer                      | OBO                     |
| Dimension                         | 105x600x3000            |
| Colour                            | zinc                    |
| Material                          | Steel                   |
| Surface                           | Hot-dip galvanised      |
| Surface standard                  | DIN EN ISO 1461         |
| Smallest sales unit               | 3                       |
| Unit of quantity                  | Metre                   |
| Weight                            | 375 kg                  |
| Weight unit                       | kg/100 m                |
| CO Footprint (GWP) Cradle-to-Gate | 7,5378 kg COe / 1 Meter |

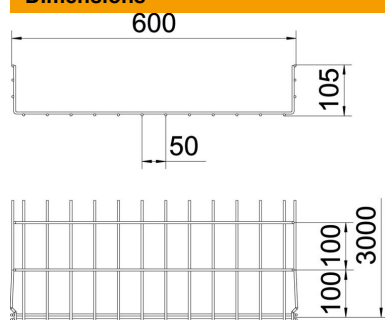
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Item number: 6002445



### Dimensions



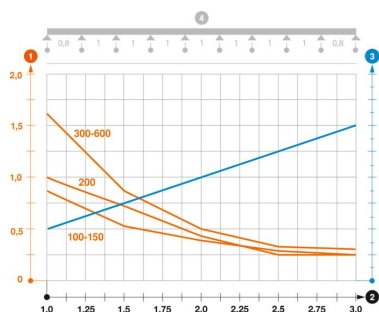
|             |          |
|-------------|----------|
| Length      | 3,000 mm |
| Width       | 600 mm   |
| Width       | 23.62 in |
| Height      | 105 mm   |
| Height      | 4.13 in  |
| Dimension B | 600 mm   |
| Dimension H | 108 mm   |

### Technical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Connector version                       | Integrated connector  |
| Mounting system fastening type          | Floor Ceiling Wall    |
| Maintain electrical functions           | no                    |
| Integrated partition                    | Without               |
| Usable cross-section                    | 554 cm <sup>2</sup>   |
| Usable cross-section                    | 55400 mm <sup>2</sup> |
| Profile shape                           | U-shaped              |
| Rustproof steel, pickled                | no                    |
| Screwless connector                     | yes                   |
| Wide-span version                       | no                    |
| Load test type according to IEC 61537   | Type II               |
| Type of connector, cable support system | Click fastening       |

### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1 m       |
| Insertable support spacings, max. | 3 m       |
| Support spacing 1.0 m             | 1.6 kN/m  |
| Support spacing 1.5 m             | 0.8 kN/m  |
| Support spacing 2.0 m             | 0.5 kN/m  |
| Support spacing 2.5 m             | 0.33 kN/m |
| Support spacing 3.0 m             | 0.3 kN/m  |



Load diagram, mesh cable tray, type GRM 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