

Technical data sheet

Heavy mesh cable tray SGR 155 FT

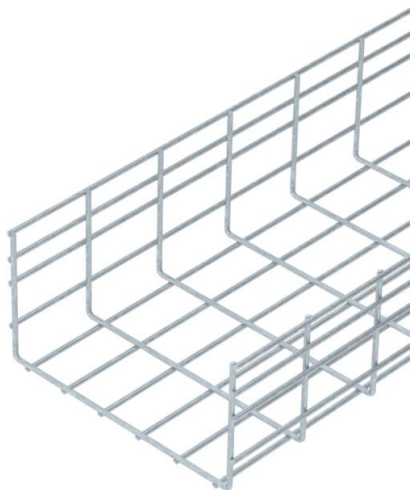
Item number: 6003692



Mesh cable tray made of spot-welded steel wire of side height 155 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 | 6003692 |
| Type | SGR 155 300 FT |
| Description 1 | Mesh cable tray SGR |
| Manufacturer | OBO |
| Dimension | 155x300x3000 |
| Material | Steel |
| Surface | Hot-dip galvanised |
| Surface standard | DIN EN ISO 1461 |
| Smallest sales unit | 3 |
| Unit of quantity | Metre |
| Weight | 439.667 kg |
| Weight unit | kg/100 m |

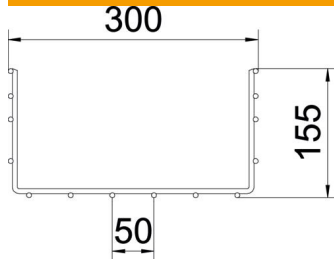
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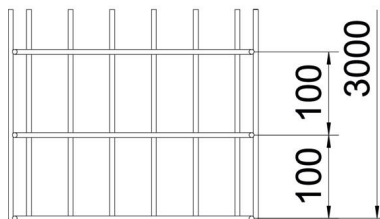
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Dimensions



| | |
|-------------|----------|
| Length | 3,000 mm |
| Width | 300 mm |
| Width | 11.81 in |
| Height | 155 mm |
| Height | 6.1 in |
| Dimension B | 300 mm |



Technical data

| | |
|---|-----------------------|
| Connector version | Without connectors |
| Mounting system fastening type | Ceiling Wall |
| Maintain electrical functions | no |
| Integrated partition | Without |
| Usable cross-section | 438 cm ² |
| Usable cross-section | 34800 mm ² |
| Profile shape | U-shaped |
| Rustproof steel, pickled | no |
| Screwless connector | no |
| Wide-span version | no |
| Load test type according to IEC 61537 | Type II |
| Type of connector, cable support system | Screwed |

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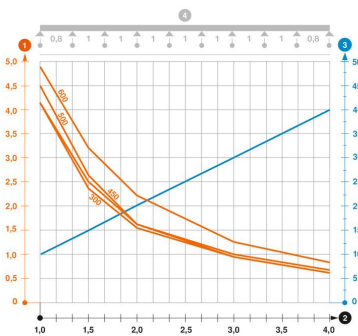
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Loads

| | |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1 m |
| Insertable support spacings, max. | 4 m |
| Support spacing 1.0 m | 4.1 kN/m |
| Support spacing 1.5 m | 2.4 kN/m |
| Support spacing 2.0 m | 1.55 kN/m |
| Support spacing 2.5 m | 1.13 kN/m |
| Support spacing 3.0 m | 0.95 kN/m |
| Support spacing 3.5 m | 0.84 kN/m |
| Support spacing 4.0 m | 0.6 kN/m |



Load diagram, mesh cable tray, type SGR 155

- 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