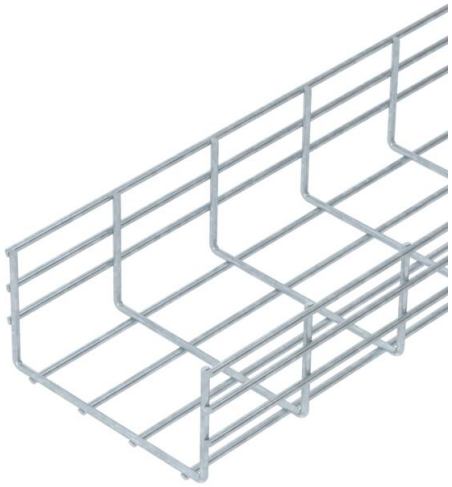
Technical data sheet

Heavy-duty cable tray SGR 105 FT

Item number: 6003214



Mesh cable tray made of spot-welded steel wire of side height 105 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

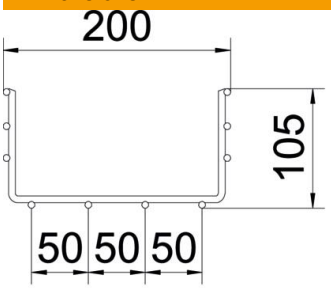
Item number	6003214
Type	SGR 105 200 FT
Description 1	Mesh cable tray SGR
Manufacturer	OBO
Dimension	105x200x3000
Colour	zinc
Material	Steel
Surface	Hot-dip galvanised
Surface standard	DIN EN ISO 1461
Smallest sales unit	3
Unit of quantity	Metre
Weight	305.667 kg
Weight unit	kg/100 m
CO2 Footprint (GWP) Cradle-to-Gate	6,2968 kg CO2e / 1 Meter

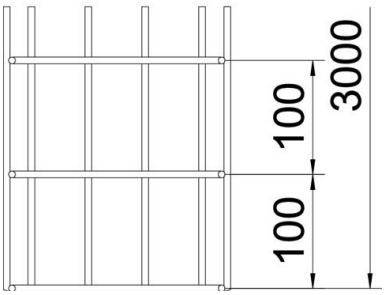
Technical data sheet

Heavy-duty cable tray SGR 105 FT

Item number: 6003214

Dimensions





Length	3,000 mm
Width	200 mm
Width	7.87 in
Height	105 mm
Height	4.13 in
Dimension B	200 mm

Technical data

Connector version	Without connectors
Mounting system fastening type	Ceiling Wall
Maintain electrical functions	no
Usable cross-section	175 cm²
Usable cross-section	17500 mm²
Profile shape	U-shaped
ROHS-conformant	yes
Rustproof steel, pickled	no
Wide-span version	no
Load test type according to IEC 61537	Type II
Type of connector, cable support system	Screwed

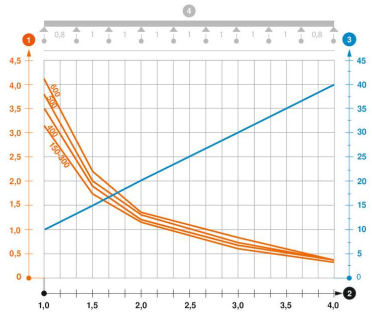
Technical data sheet

Heavy-duty cable tray SGR 105 FT

Item number: 6003214

Loads

Insertable support spacings, min.	1 m
Insertable support spacings, max.	4 m
Support spacing 1.0 m	3.1 kN/m
Support spacing 1.5 m	1.75 kN/m
Support spacing 2.0 m	1.15 kN/m
Support spacing 2.5 m	0.79 kN/m
Support spacing 3.0 m	0.6 kN/m
Support spacing 3.5 m	0.5 kN/m
Support spacing 4.0 m	0.4 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