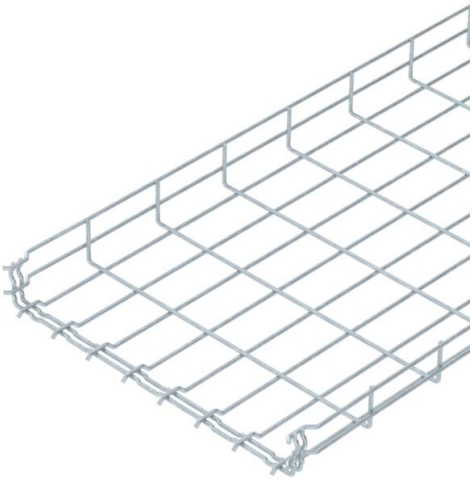
Technical data sheet

Mesh cable tray GR-Magic® 55 FT

Item number: 6001428



Mesh cable tray with shaped connector of side height 55 mm.
No additional connection components are required for the mesh cable tray, it is simply interlocked. The grid width is 50 x 100 mm (exception: GRM 55/50 = 20 x 100 mm).
Magnetic shield insulation without cover 15 dB, with cover 25 dB.

You can find detailed information regarding the UL classification in the respective certification.

E30 E60 E90

St Steel

FT Hot-dip galvanised

Master data

Item number	6001428
Type	GRM 55 400 FT
Description 1	Mesh cable tray GRM
Manufacturer	OBO
Dimension	55x400x3000
Colour	zinc
Material	Steel
Surface	Hot-dip galvanised
Surface standard	DIN EN ISO 1461
Smallest sales unit	3
Unit of quantity	Metre
Weight	245 kg
Weight unit	kg/100 m
CO2 Footprint (GWP) Cradle-to-Gate	4,9741 kg CO2e / 1 Meter

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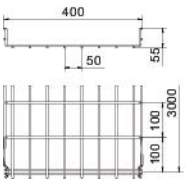
Dimensions



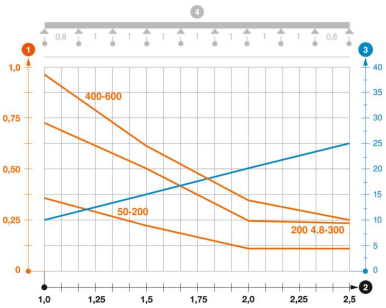
Length	3,000 mm
Width	400 mm
Width	15.75 in
Height	55 mm
Height	2.17 in
Dimension B	400 mm
Dimension H	58 mm

Technical data

Connector version	Integrated connector
Mounting system fastening type	Floor Ceiling Wall
Maintain electrical functions	yes
Integrated partition	Without
Usable cross-section	175 cm²
Usable cross-section	17500 mm²
Profile shape	U-shaped
ROHS-conformant	yes
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.	2.5 m
Support spacing 1.0 m	0.9 kN/m
Support spacing 1.5 m	0.6 kN/m
Support spacing 2.0 m	0.3 kN/m
Support spacing 2.5 m	0.25 kN/m



Load diagram, GR-Magic mesh cable tray, type GRM 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