Technical data sheet

Cable tray RKS-Magic® 35 FS

Item number: 6047433

Cable tray with integrated quick fastening system. The usable length of the cable tray is 3,000 mm.

The cable tray has continuous side perforations of 7 x 20 mm for the installation of additional connection and mounting components.

The perforation for direct threaded rod suspension has a diameter of 11 mm. Continuous equipotential bonding is guaranteed without additional components. Magnetic shield insulation without cover 20 dB, with cover 50 dB.

St	Steel
FS	Strip galvanised

Master data

Item number	6047433
Type	RKSM 320 FS
Description 1	Cable tray RKSM
Description 2	Magic, quick connector
Manufacturer	OBO
Dimension	35x200x3050
Colour	zinc
Material	Steel
Surface	Strip galvanised
Surface standard	DIN EN 10346
Smallest sales unit	3
Unit of quantity	Metre
Weight	155.738 kg
Weight unit	kg/100 m
CO2 Footprint (GWP) Cradle-to-Gate	3,8239 kg CO2e / 1 Meter

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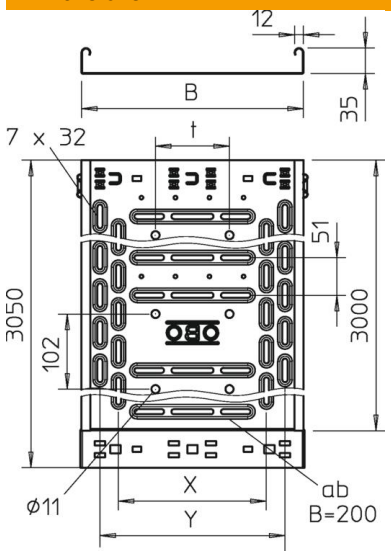
Dimensions



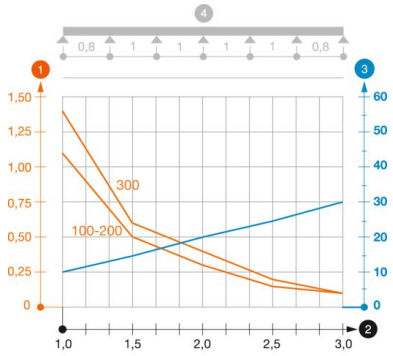
Length	3,050 mm
Length	10 ft
Width	200 mm
Width	6 in
Height	35 mm
Height	1 in
Plate thickness	0.03 in
Plate thickness	0.75 mm
Dimension B	200 mm
Dimension x	100 mm
Dimension y	150 mm

Technical data

Connector version	Integrated connector
Mounting system fastening type	Floor Ceiling Wall
Walkable	no
Base perforation	1
Maintain electrical functions	no
With cover	no
Mounting perforation in base	yes
NATO hole pattern	no
Usable cross-section	68 cm²
Usable cross-section	6800 mm²
ROHS-conformant	yes
Rustproof steel, pickled	no
Side perforation	yes
Wide-span version	no
Magnetic shield insulation without cover	20 dB
Magnetic shield insulation with cover	50 dB
Load test type according to IEC 61537	Type II
Usable length	3000 mm
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	1.1 kN/m
Support spacing 1.5 m	0.5 kN/m
Support spacing 2.0 m	0.3 kN/m
Support spacing 2.5 m	0.15 kN/m
Support spacing 3.0 m	0.1 kN/m



Load diagram, cable tray, type RKSM 35

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