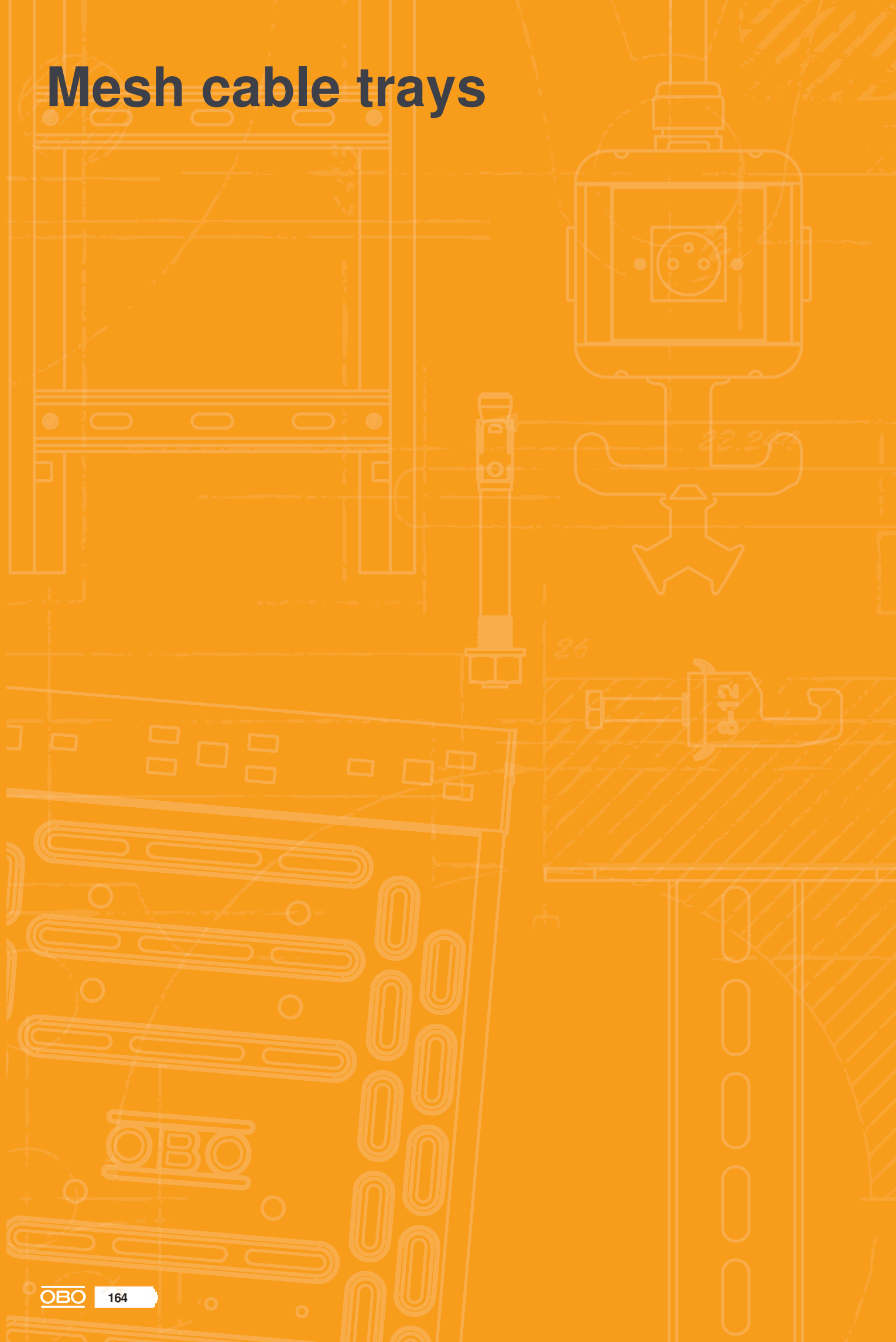










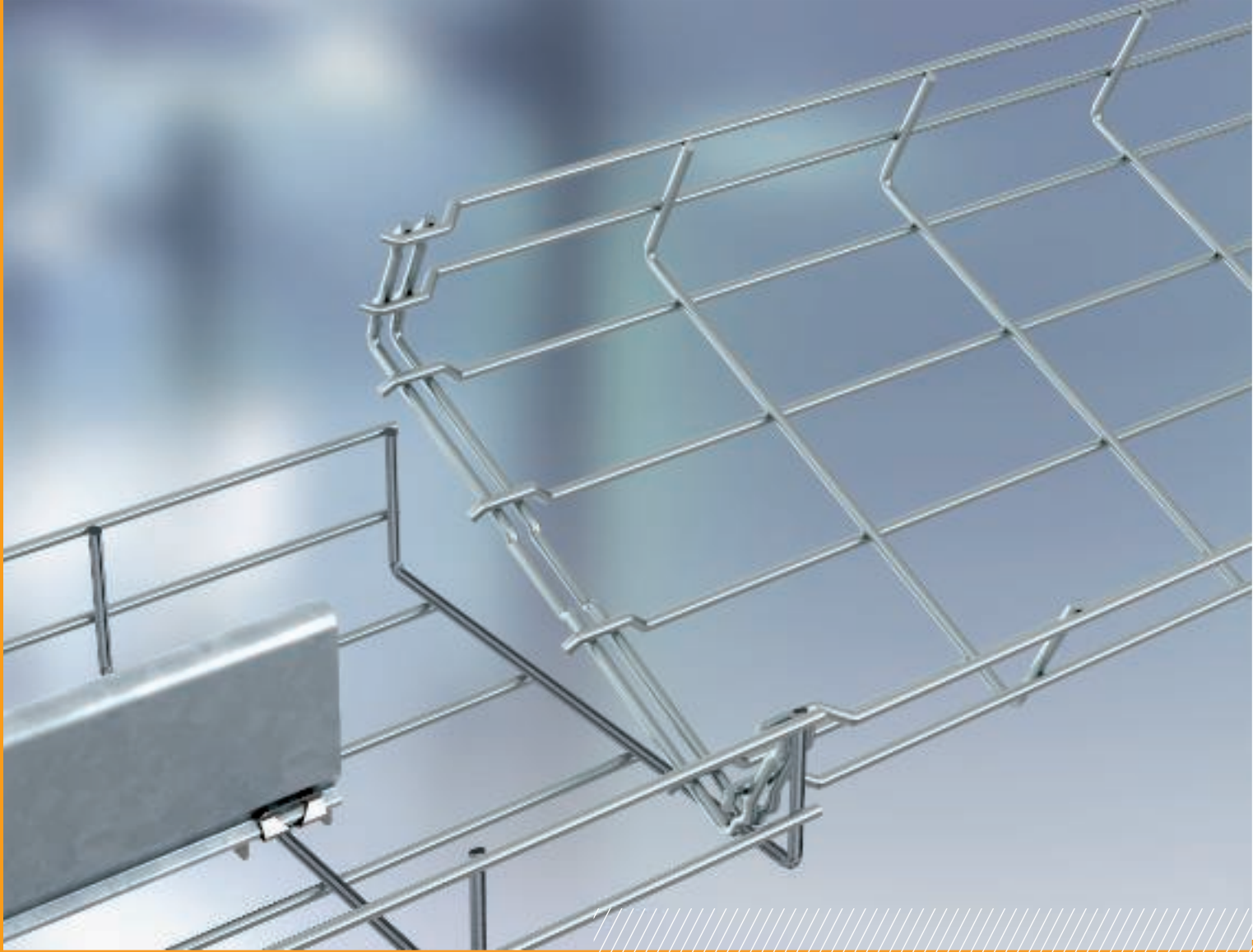
Mesh cable trays



Mesh cable trays

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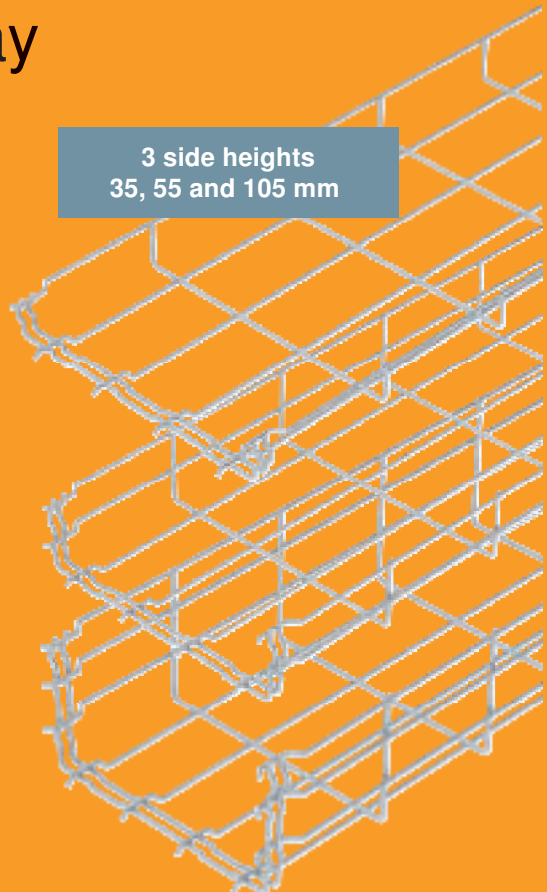


GR-Magic® mesh cable tray

The GR-Magic® mesh cable tray system with shaped connector for screwless quick mounting guarantees the shortest possible mounting times, even for complex installation operations.

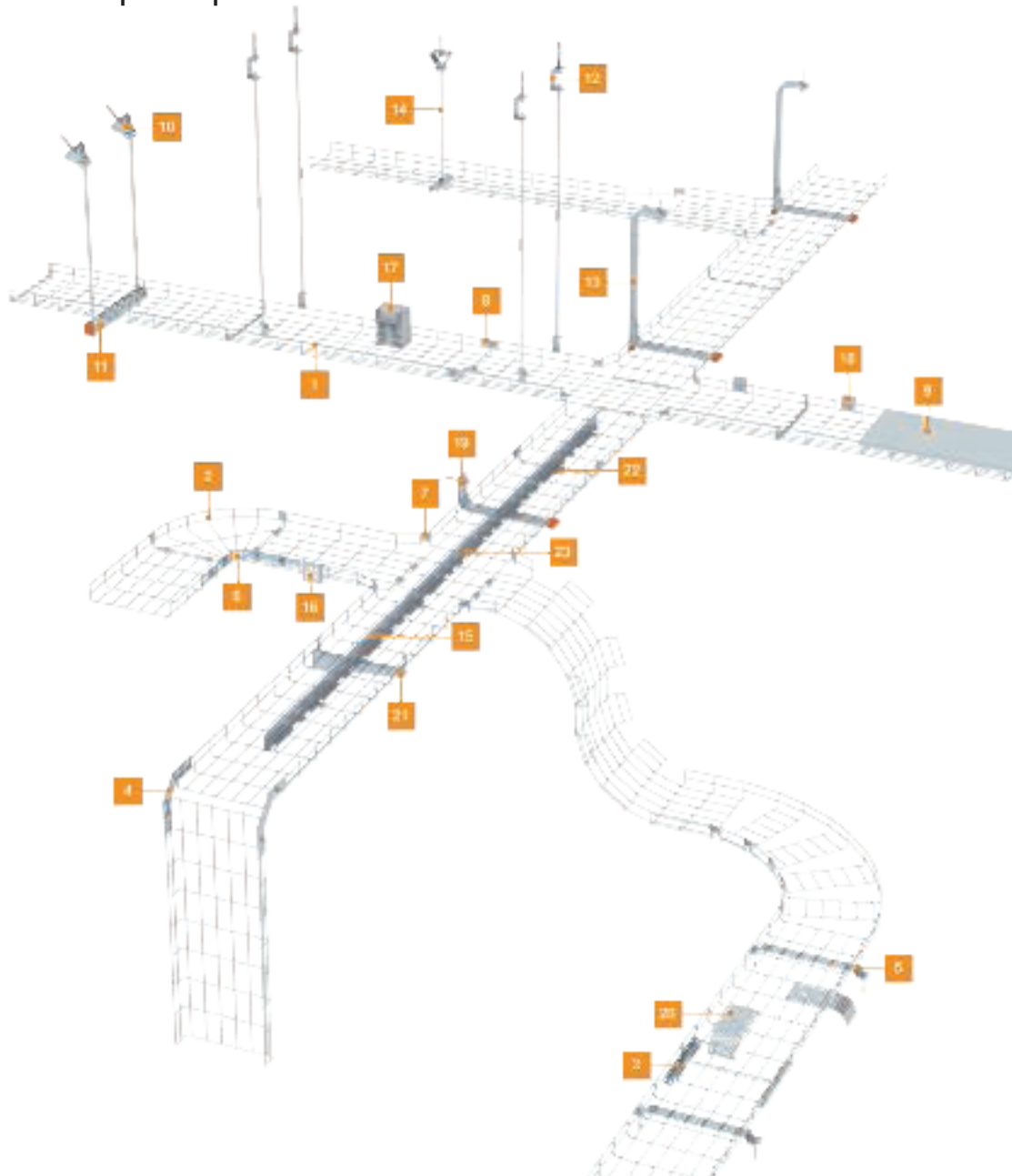
- Fast and secure connection through plug connection
- Locking system accessory, such as the barrier strips
- Maintenance of electrical function, tested
- Equipotential bonding without additional components
- VDE and UL approved mesh cable tray system

3 side heights
35, 55 and 105 mm



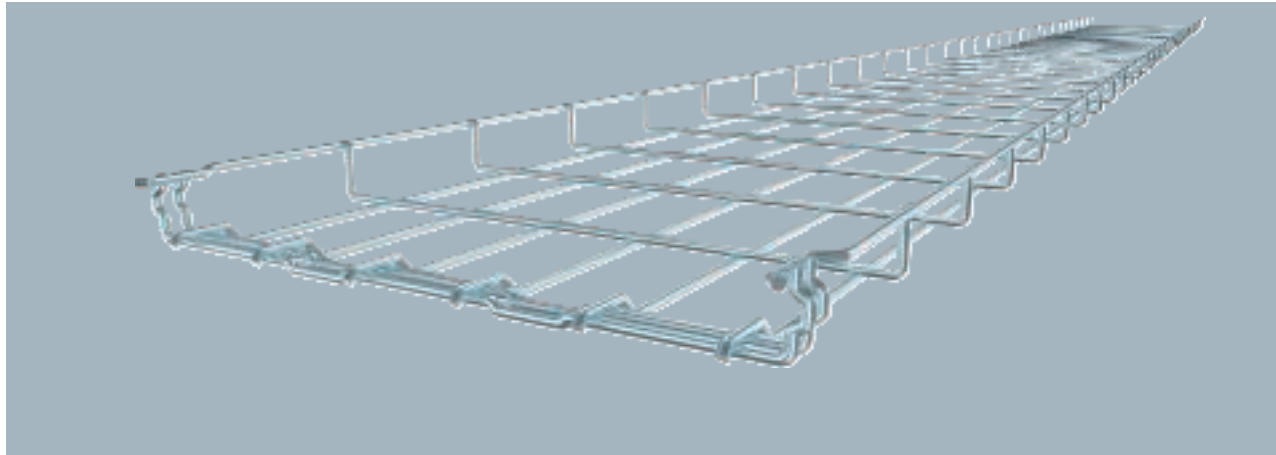
GR-Magic® mesh cable tray

Installation principle



1	GR-Magic mesh cable tray		13	TP suspended support	TPS
2	90° mesh cable tray bend	GRB 90	14	Central suspension, GMS	GMS
3	Mesh cable tray connector, long	GRV	15	Barrier strip	TSG
4	90° mounting bracket	MW 90	16	Mounting plate	MPG
5	Stand-off bracket	GKT	17	Fastening element for junction box	MP
6	Slotted steel strap, bent	OSG	18	Wall and ceiling bracket	TPD
7	Corner connector	GEV	19	Wall and support bracket TPSAG	TPSAG
8	Joint connector	GSV	20	Cable exit plate	KAB GR
9	Cover, unperforated	DGRR	21	AWG 15 wall and support bracket	AWG 15
10	Ceiling clamp, variable	GKS	22	Hold-down clamp for barrier strip fastening	GKS 50
11	Mounting rail, MS 41	MS 41	23	Barrier strip connector	KS GR
12	Ceiling bracket	TPD			

Mesh cable tray GR-Magic® 35



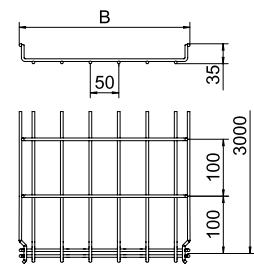
Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
GRM 35 50 G	50	3.9	3	45.000	6000060
GRM 35 100 G	100	3.9	3	50.333	6000062
GRM 35 150 G	150	3.9	3	63.333	6000063
GRM 35 200 G	200	3.9	3	76.667	6000064
GRM 35 300 G	300	4.8	3	159.000	6000066

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 35/50 = 20 x 100 mm).

Mesh cable tray with shaped connector of side height 35 mm.
Magnetic shield insulation without cover 15 dB, with cover 25 dB.

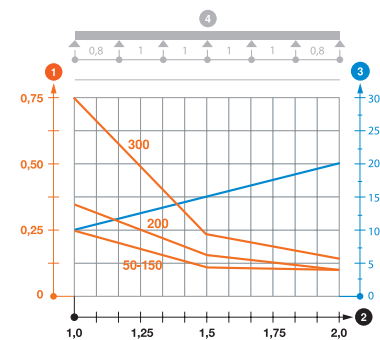
Type	Length mm	Dim. B mm	Usable
			Dim. cross-section cm²
GRM 35 50 G	3000	52	17.5
GRM 35 100 G	3000	100	35
GRM 35 150 G	3000	150	52.5
GRM 35 200 G	3000	200	70
GRM 35 300 G	3000	300	105

Dimensions



	1.0 m	1.5 m	2.0 m
	kN/m	kN/m	kN/m
GRM 35 50 G	0.25	0.11	0.1
GRM 35 100 G	0.25	0.11	0.1
GRM 35 150 G	0.25	0.11	0.1
GRM 35 200 G	0.3	0.14	0.1
GRM 35 300 G	0.75	0.22	0.15

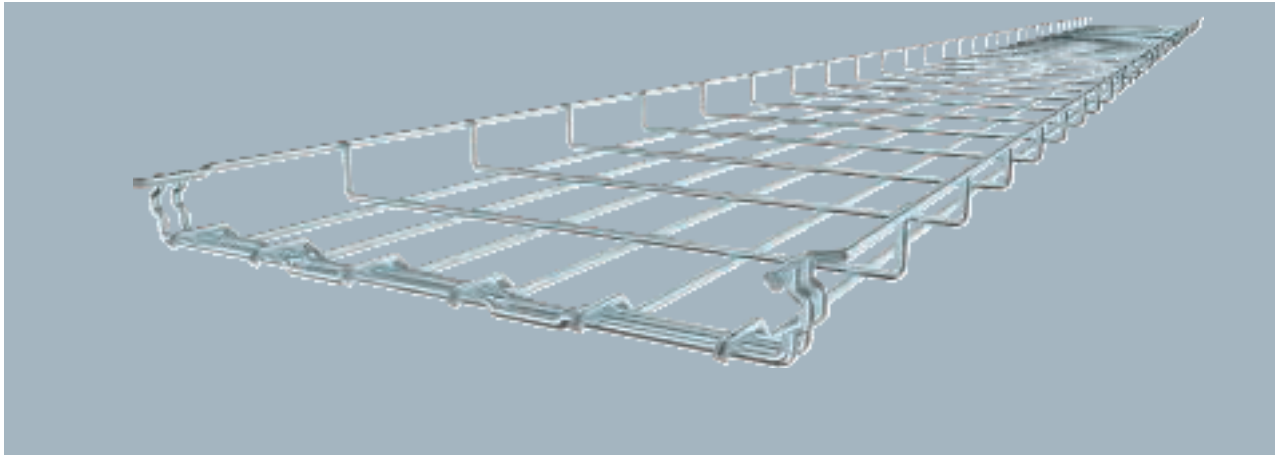
Load



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

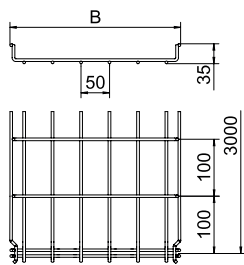
Mesh cable tray GR-Magic® 35



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 35/50 = 20 x 100 mm).
 Mesh cable tray with shaped connector of side height 35 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.

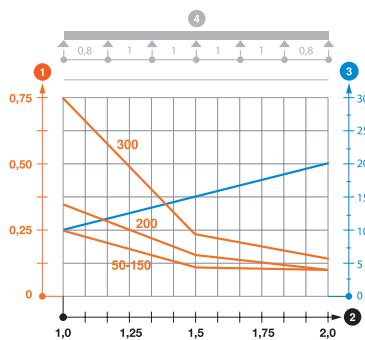
Type	Wire		Pack Weight m kg/100 m	Item no.
	Width mm	Ø mm		
GRM 35 50 FT	50	3.9	3	6000069
GRM 35 100 FT	100	3.9	3	6000071
GRM 35 150 FT	150	3.9	3	6000072
GRM 35 200 FT	200	3.9	3	6000073
GRM 35 300 FT	300	4.8	3	6000075

Dimensions



Type	Length mm	Usable	
		Dim. B mm	cross- section cm²
GRM 35 50 FT	3000	52	17.5
GRM 35 100 FT	3000	100	35
GRM 35 150 FT	3000	150	52.5
GRM 35 200 FT	3000	200	70
GRM 35 300 FT	3000	300	105

Load

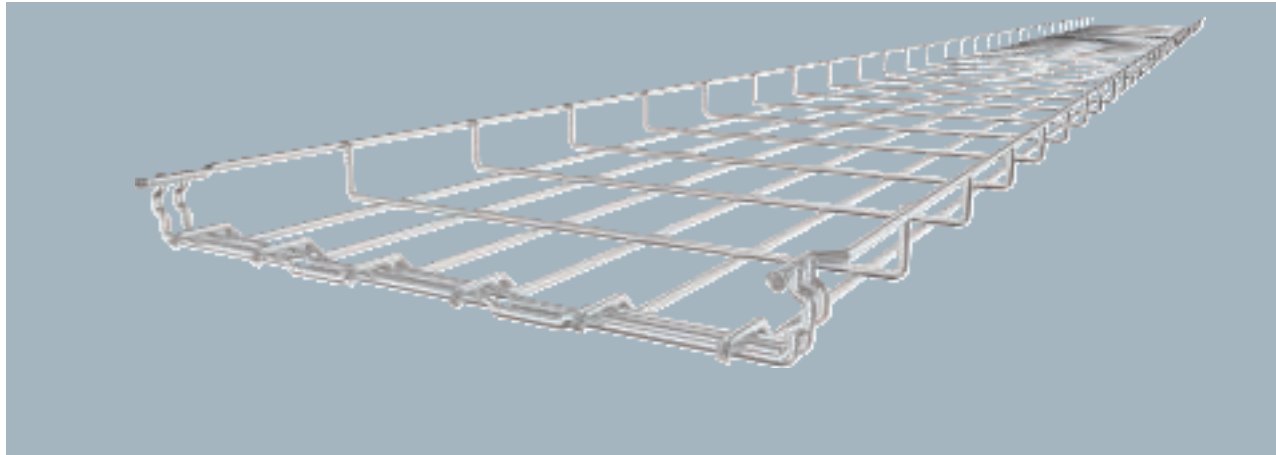


	1.0 m	1.5 m	2.0 m
	kN/m	kN/m	kN/m
GRM 35 50 FT	0.25	0.11	0.1
GRM 35 100 FT	0.25	0.11	0.1
GRM 35 150 FT	0.25	0.11	0.1
GRM 35 200 FT	0.3	0.14	0.3
GRM 35 300 FT	0.75	0.22	0.15

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

Mesh cable tray GR-Magic®



Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
GRM 35 50 A2	50	3.9	3	45.000	6000054
GRM 35 100 A2	100	3.9	3	49.000	6000055
GRM 35 150 A2	150	3.9	3	63.333	6000056
GRM 35 200 A2	200	3.9	3	76.000	6000057
GRM 35 300 A2	300	4.8	3	159.000	6000059

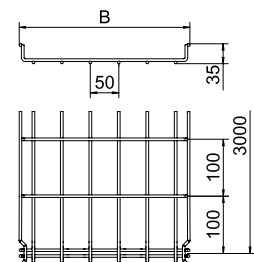
No additional connection components are required for the mesh cable tray, it is simply interlocked. The grid width is 50 x 100 mm (exception: GRM 35/50 = 20 x 100 mm).

Mesh cable tray with shaped connector of side height 35 mm.

Magnetic shield insulation without cover 15 dB, with cover 25 dB.

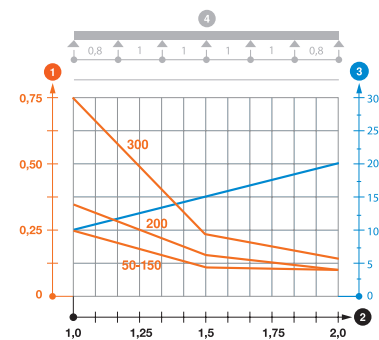
Type	Length mm	Dim. B mm	Usable Dim. cross- section cm ²
GRM 35 100 A2	3000	100	35
GRM 35 150 A2	3000	150	52.5
GRM 35 200 A2	3000	200	70
GRM 35 300 A2	3000	300	105

Dimensions



	1.0 m	1.5 m	2.0 m
	kN/m	kN/m	kN/m
GRM 35 50 A2	0.25	0.11	0.1
GRM 35 100 A2	0.25	0.11	0.1
GRM 35 150 A2	0.25	0.11	0.1
GRM 35 200 A2	0.3	0.14	0.1
GRM 35 300 A2	0.75	0.22	0.15

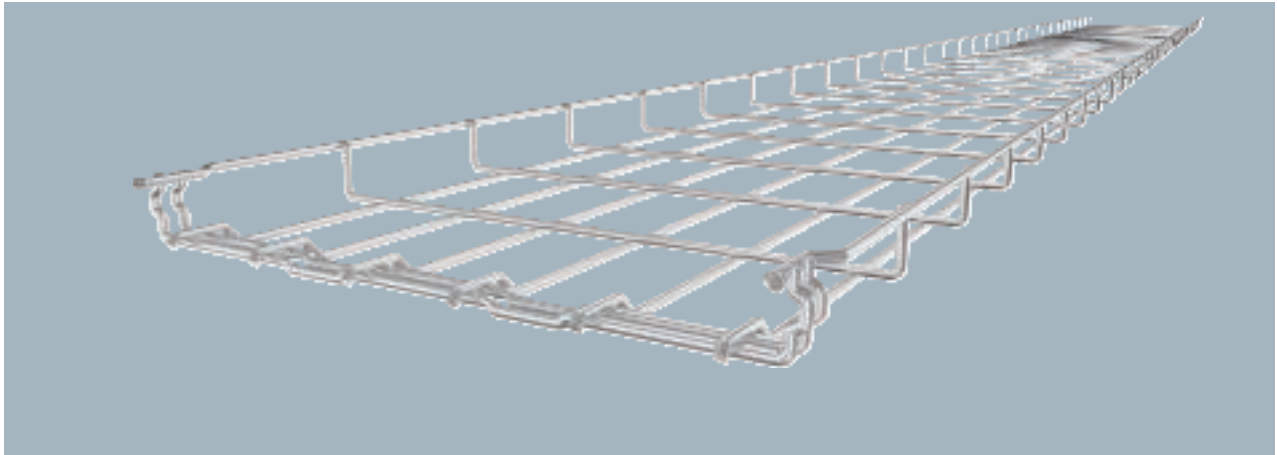
Load



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

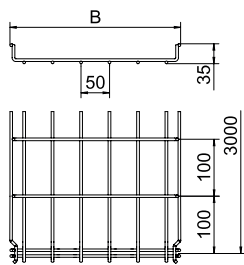
Mesh cable tray GR-Magic® 35



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 35/50 = 20 x 100 mm).
 Mesh cable tray with shaped connector of side height 35 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.

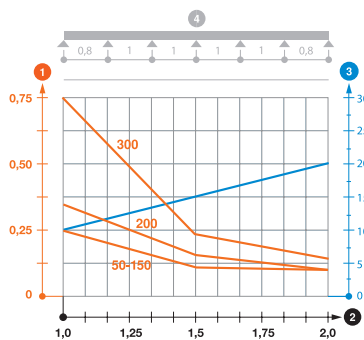
Type	Wire		Pack	Weight	Item no.
	Width	Ø			
GRM 35 50 A4	50	3.9	3	45.000	6000086
GRM 35 100 A4	100	3.9	3	49.000	6000087
GRM 35 150 A4	150	3.9	3	63.333	6000089
GRM 35 200 A4	200	3.9	3	76.000	6000090
GRM 35 300 A4	300	4.8	3	159.000	6000091

Dimensions



Type	Length	Usable	
		Dim.	cross-section
GRM 35 50 A4	3000	52	17,5
GRM 35 100 A4	3000	100	35
GRM 35 150 A4	3000	150	52,5
GRM 35 200 A4	3000	200	70
GRM 35 300 A4	3000	300	105

Load

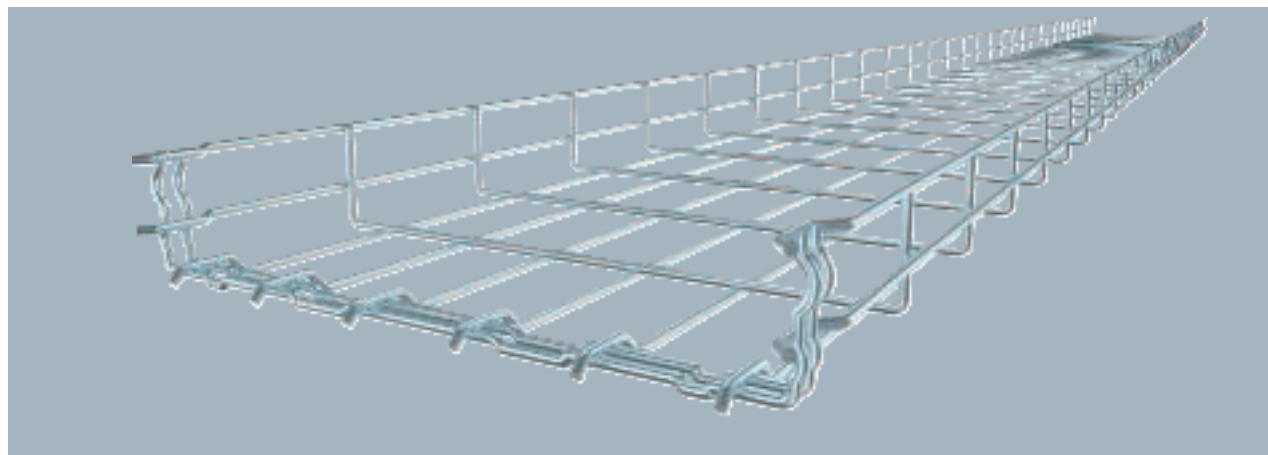


Type	1.0 m	1.5 m	2.0 m
	kN/m	kN/m	kN/m
GRM 35 50 A4	0.25	0.11	0.1
GRM 35 100 A4	0.25	0.11	0.1
GRM 35 150 A4	0.25	0.11	0.1
GRM 35 200 A4	0.3	0.14	0.1
GRM 35 300 A4	0.75	0.22	0.15

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

GR-Magic® 55 mesh cable tray



Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
GRM 55 50 G	50	3.9	3	67.000	6001441
GRM 55 100 G	100	3.9	3	72.000	6001442
GRM 55 150 G	150	3.9	3	85.667	6001444
GRM 55 200 G	200	3.9	3	100.667	6001446
GRM 55 300 G	300	4.8	3	192.333	6001448
GRM 55 400 G	400	4.8	3	234.667	6001450
GRM 55 500 G	500	4.8	3	276.667	6001452
GRM 55 600 G	600	4.8	3	320.000	6001454
GRM 55 450 G	450	4.8	3	241.333	6001451

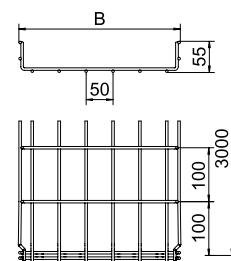
Mesh cable tray with shaped connector of side height 55 mm. Magnetic shield insulation without cover 15 dB, with cover 25 dB. You can find detailed information regarding the UL classification in the respective certification.

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). Tested for the maintenance of electrical function according to DIN 4102 Part 12 (type: GRM 55 200 4.8 G, GRM 55 300 G, GRM 55 400 G, mounting work and parameters according to valid test certificate).

Tested for installation above suspended fire protection ceilings (type: GRM 55 100 G, GRM 55 200 G, GRM 55 300 G, GRM 55 400 G, fire load 30 minutes, mounting work and parameters according to fire protection reports).

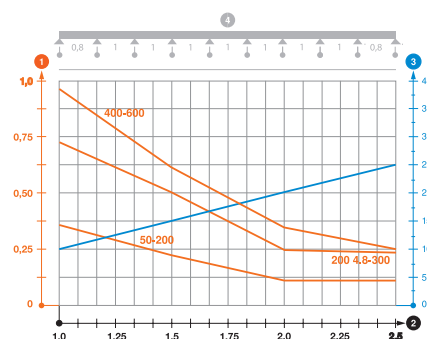
Type	Length mm	Dim. B mm	Usable Dim. cross- section cm ²	
			B	cm ²
GRM 55 50 G	3000	52	16	
GRM 55 100 G	3000	100	40	
GRM 55 150 G	3000	150	63	
GRM 55 200 G	3000	200	87	
GRM 55 300 G	3000	300	129	
GRM 55 400 G	3000	400	175	
GRM 55 500 G	3000	500	220	
GRM 55 600 G	3000	600	265	
GRM 55 450 G	3000	450	195	

Dimensions



	1.0 m 1.5 m 2.0 m 2.5 m			
	kN/m	kN/m	kN/m	kN/m
GRM 55 50 G	0.35	0.2	0.1	0.1
GRM 55 100 G	0.35	0.2	0.1	0.1
GRM 55 150 G	0.35	0.2	0.1	0.1
GRM 55 200 G	0.35	0.2	0.1	0.1
GRM 55 300 G	0.7	0.5	0.25	0.2
GRM 55 400 G	0.9	0.6	0.3	0.25
GRM 55 500 G	0.9	0.6	0.3	0.25
GRM 55 600 G	0.9	0.6	0.3	0.25
GRM 55 450 G	0.9	0.6	0.3	0.25

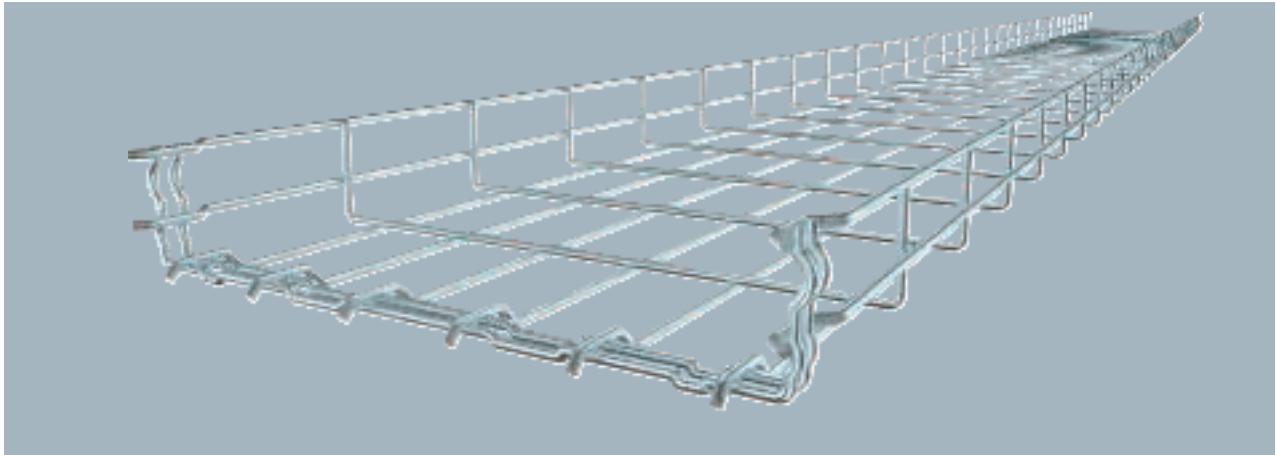
Load



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

Mesh cable tray GR-Magic® 55

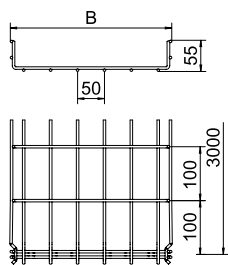


Mesh cable tray with shaped connector of side height 55 mm. Magnetic shield insulation without cover 15 dB, with cover 25 dB. You can find detailed information regarding the UL classification in the respective certification.

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).

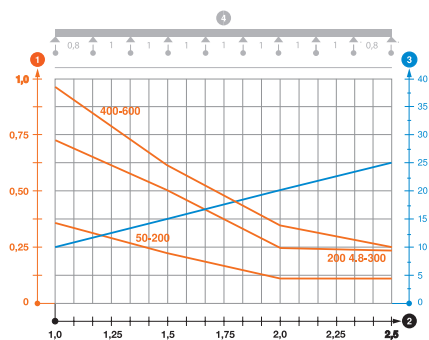
Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
GRM 55 50 FT	50	3.9	3	72.333	6001415
GRM 55 100 FT	100	3.9	3	74.667	6001416
GRM 55 150 FT	150	3.9	3	90.000	6001418
GRM 55 200 FT	200	3.9	3	102.000	6001420
GRM 55 300 FT	300	4.8	3	200.667	6001424
GRM 55 400 FT	400	4.8	3	245.000	6001428
GRM 55 500 FT	500	4.8	3	288.333	6001432
GRM 55 600 FT	600	4.8	3	331.333	6001436

Dimensions



Type	Length mm	Dim. B mm	Usable
			cross-section cm²
GRM 55 50 FT	3000	52	16
GRM 55 100 FT	3000	100	40
GRM 55 150 FT	3000	150	63
GRM 55 200 FT	3000	200	87
GRM 55 300 FT	3000	300	129
GRM 55 400 FT	3000	400	175
GRM 55 500 FT	3000	500	220
GRM 55 600 FT	3000	600	265

Load

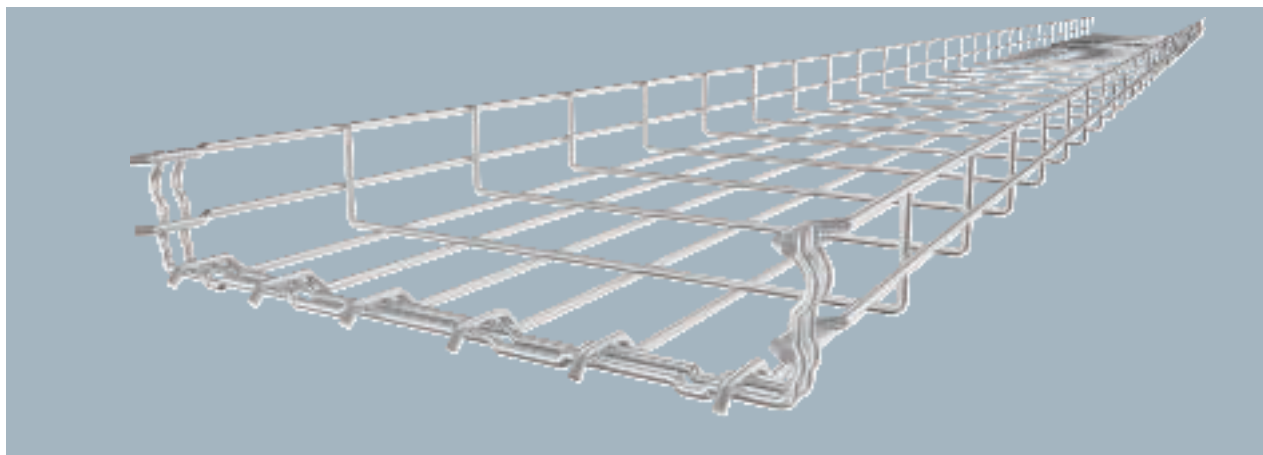


Type	1.0 m	1.5 m	2.0 m	2.5 m
	kN/m	kN/m	kN/m	kN/m
GRM 55 50 FT	0.35	0.2	0.1	0.1
GRM 55 100 FT	0.35	0.2	0.1	0.1
GRM 55 150 FT	0.35	0.2	0.1	0.1
GRM 55 200 FT	0.35	0.2	0.1	0.1
GRM 55 300 FT	0.7	0.5	0.25	0.2
GRM 55 400 FT	0.9	0.6	0.3	0.25
GRM 55 500 FT	0.9	0.6	0.3	0.25
GRM 55 600 FT	0.9	0.6	0.3	0.25

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

Mesh cable tray GR-Magic® 55

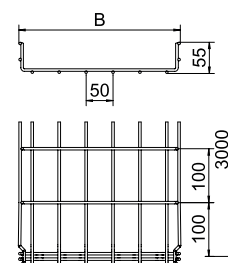


Type	Wire			Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm	BS			
GRM 55 50 A2	50	3.9		3	67.000	6001070
GRM 55 100 A2	100	3.9		3	72.000	6001072
GRM 55 150 A2	150	3.9		3	85.667	6001074
GRM 55 200 A2	200	3.9		3	99.000	6001076
GRM 55 300 A2	300	4.8		3	192.333	6001078
GRM 55 400 A2	400	4.8		3	234.667	6001080
GRM 55 500 A2	500	4.8		3	276.667	6001082
GRM 55 600 A2	600	4.8		3	320.000	6001085

Mesh cable tray with shaped connector of side height 55 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 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).

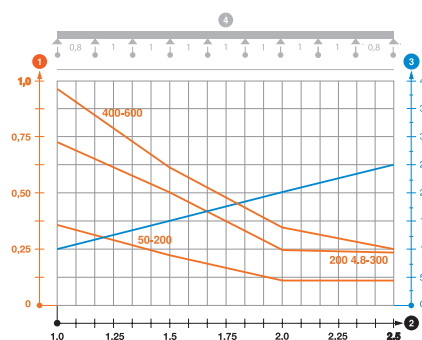
Type	Length mm	Dim. B mm	Usable cross- section cm²
GRM 55 100 A2	3000	100	40
GRM 55 150 A2	3000	150	63
GRM 55 200 A2	3000	200	87
GRM 55 300 A2	3000	300	129
GRM 55 400 A2	3000	400	175
GRM 55 500 A2	3000	500	220
GRM 55 600 A2	3000	600	265

Dimensions



	1.0 m	1.5 m	2.0 m	2.5 m
	kN/m	kN/m	kN/m	kN/m
GRM 55 50 A2	0.35	0.2	0.1	0.1
GRM 55 100 A2	0.35	0.2	0.1	0.1
GRM 55 150 A2	0.35	0.2	0.1	0.1
GRM 55 200 A2	0.35	0.2	0.1	0.1
GRM 55 300 A2	0.7	0.5	0.25	0.2
GRM 55 400 A2	0.9	0.6	0.3	0.25
GRM 55 500 A2	0.9	0.6	0.3	0.25
GRM 55 600 A2	0.9	0.6	0.3	0.25

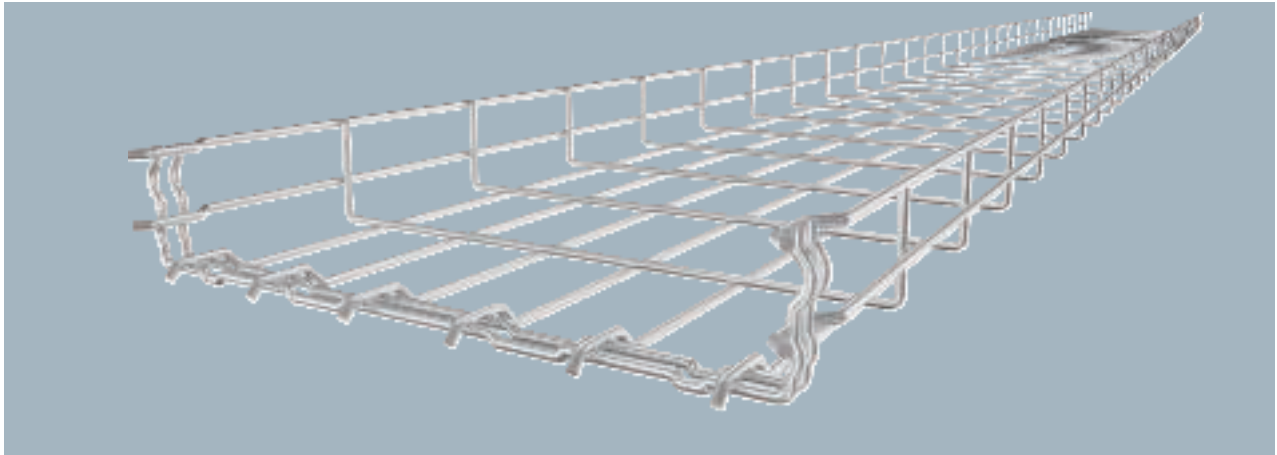
Load



Load diagram, mesh cable tray GRM 55 VA

- 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

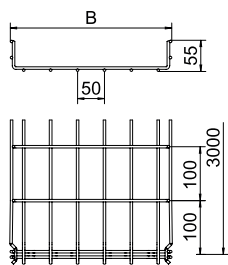
Mesh cable tray GR-Magic® 55



Mesh cable tray with shaped connector of side height 55 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 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).

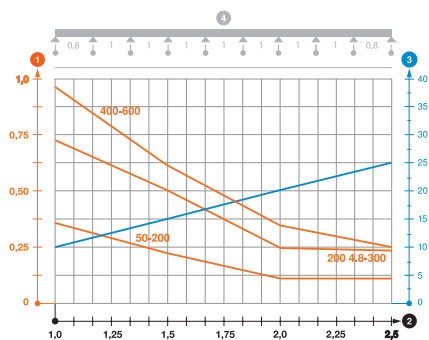
Type	Wire			Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm	BS			
GRM 55 50 A4	50	3.9		3	67.000	6001087
GRM 55 100 A4	100	3.9		3	72.000	6001088
GRM 55 150 A4	150	3.9		3	85.667	6001090
GRM 55 200 A4	200	3.9		3	99.000	6001091
GRM 55 300 A4	300	4.8	🔥	3	192.333	6001093
GRM 55 400 A4	400	4.8		3	234.667	6001095
GRM 55 500 A4	500	4.8		3	276.667	6001097
GRM 55 600 A4	600	4.8		3	320.000	6001099

Dimensions



Type	Length mm	Dim. B mm	Usable cross-section cm²
GRM 55 100 A4	3000	100	40
GRM 55 150 A4	3000	150	63
GRM 55 200 A4	3000	200	87
GRM 55 300 A4	3000	300	129
GRM 55 400 A4	3000	400	175
GRM 55 500 A4	3000	500	220
GRM 55 600 A4	3000	600	265

Load

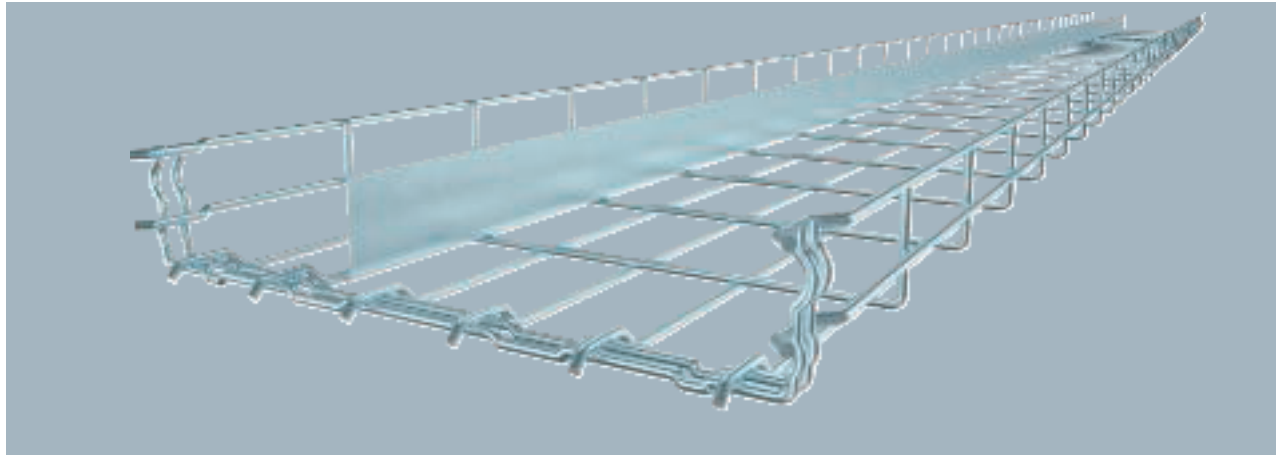


Type	1.0 m	1.5 m	2.0 m	2.5 m
	kN/m	kN/m	kN/m	kN/m
GRM 55 50 A4	0.35	0.2	0.1	0.1
GRM 55 100 A4	0.35	0.2	0.1	0.1
GRM 55 150 A4	0.35	0.2	0.1	0.1
GRM 55 200 A4	0.35	0.2	0.1	0.1
GRM 55 300 A4	0.7	0.5	0.25	0.2
GRM 55 400 A4	0.9	0.6	0.3	0.25
GRM 55 500 A4	0.9	0.6	0.3	0.25
GRM 55 600 A4	0.9	0.6	0.3	0.25

Load diagram, mesh cable tray GRM 55 VA

- 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

Mesh cable tray GR-Magic® 55 with barrier strip



Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
GRM-T 55 100 G	100	3.9	3	117.433	6006453
GRM-T 55 200 G	200	3.9	3	143.333	6006455
GRM-T 55 300 G	300	4.8	3	237.067	6006456
GRM-T 55 400 G	400	4.8	3	280.800	6006457
GRM-T 55 500 G	500	4.8	3	320.000	6006458

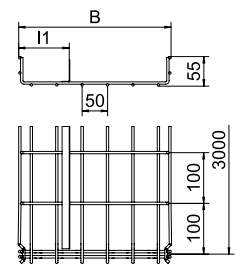
Mesh cable tray with shaped connector and welded barrier strips of side height 55 mm.

Magnetic shield insulation without cover 15 dB, with cover 25 dB.

No additional connection components are required for the mesh cable tray, it is simply interlocked. The grid width is 50 x 100 mm.

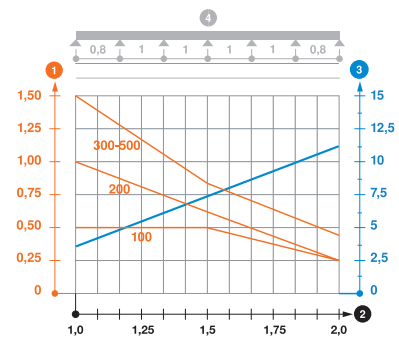
Type	Length mm	Usable	
		Dim. B mm	cross-section cm ²
GRM-T 55 100 G	3000	100	40
GRM-T 55 200 G	3000	200	87
GRM-T 55 300 G	3000	300	129
GRM-T 55 400 G	3000	400	175
GRM-T 55 500 G	3000	500	220

Dimensions



Type	1.0 m	1.5 m	2.0 m
	kN/m	kN/m	kN/m
GRM-T 55 100 G	0.5	0.5	0.25
GRM-T 55 200 G	1	0.6	0.25
GRM-T 55 300 G	1.5	0.8	0.4
GRM-T 55 400 G	1.5	0.8	0.4
GRM-T 55 500 G	1.5	0.8	0.4

Load

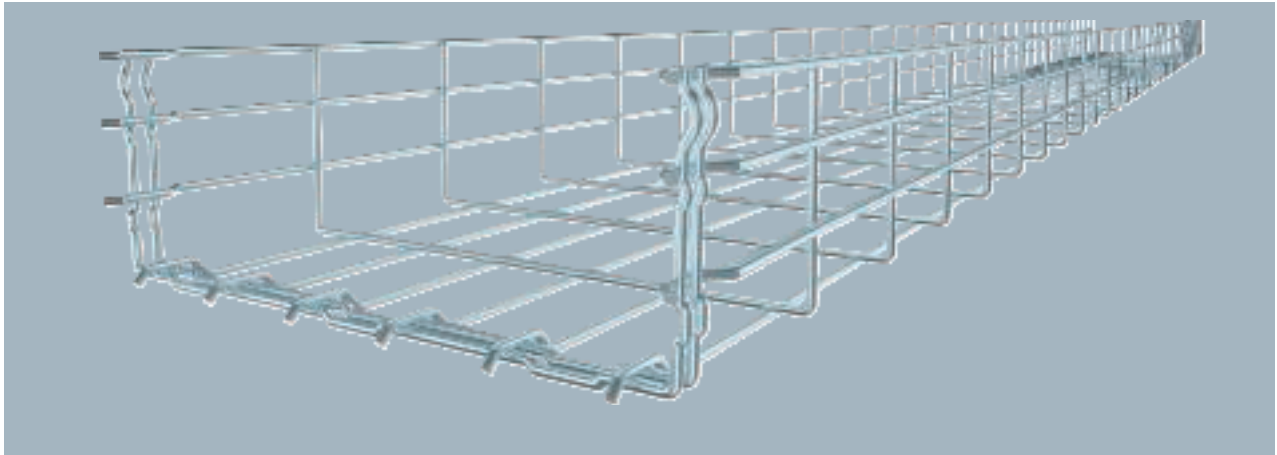


Load diagram, GR-Magic mesh cable tray, type GRM-1T 55

- 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

St G

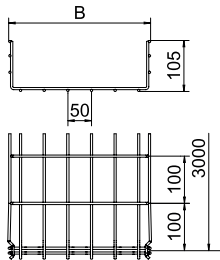
Mesh cable tray GR-Magic® 105



Mesh cable tray with shaped connector of side height 105 mm. Magnetic shield insulation without cover 15 dB, with cover 25 dB. No additional connection components are required for the mesh cable tray, it is simply interlocked. The grid width is 50 x 100 mm.

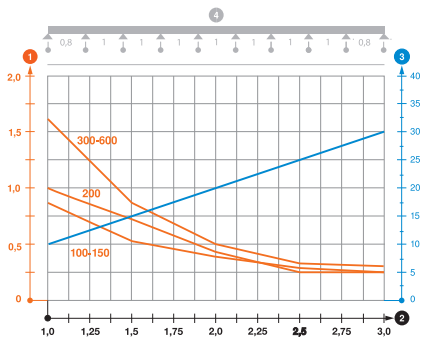
Type	Wire		Pack	Weight	Item no.
	Width	Ø			
GRM 105 100 G	100	3.9	3	99.333	6002402
GRM 105 150 G	150	3.9	3	111.667	6002404
GRM 105 200 G	200	4.8	3	192.333	6002406
GRM 105 300 G	300	4.8	3	234.667	6002408
GRM 105 400 G	400	4.8	3	278.000	6002410
GRM 105 450 G	450	4.8	3	283.333	6002413
GRM 105 500 G	500	4.8	3	319.000	6002415
GRM 105 600 G	600	4.8	3	363.333	6002417

Dimensions



Type	Length	Dim. B	Usable
			cross-section
	mm	mm	cm²
GRM 105 100 G	3000	100	82
GRM 105 150 G	3000	150	130
GRM 105 200 G	3000	200	175
GRM 105 300 G	3000	300	268
GRM 105 400 G	3000	400	363
GRM 105 450 G	3000	450	411
GRM 105 500 G	3000	500	459
GRM 105 600 G	3000	600	554

Load



Type	1.0 m	1.5 m	2.0 m	3.0 m
	kN/m	kN/m	kN/m	kN/m
GRM 105 100 G	0.8	0.55	0.37	0.25
GRM 105 150 G	0.8	0.55	0.37	0.25
GRM 105 200 G	1	0.7	0.4	0.25
GRM 105 300 G	1.6	0.8	0.5	0.3
GRM 105 400 G	1.6	0.8	0.5	0.3
GRM 105 450 G	1.6	0.8	0.5	0.3
GRM 105 500 G	1.6	0.8	0.5	0.3
GRM 105 600 G	1.6	0.8	0.5	0.3

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

Mesh cable tray GR-Magic® 105

St FT

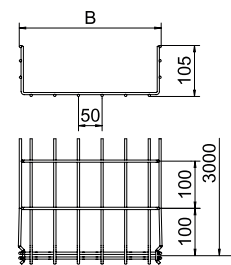


Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
GRM 105 100 FT	100	3.9	3	105.333	6002431
GRM 105 150 FT	150	3.9	3	119.000	6002433
GRM 105 200 FT	200	4.8	3	202.333	6002435
GRM 105 300 FT	300	4.8	3	244.000	6002437
GRM 105 400 FT	400	4.8	3	288.333	6002439
GRM 105 450 FT	450	4.8	3	293.333	6002441
GRM 105 500 FT	500	4.8	3	335.000	6002443
GRM 105 600 FT	600	4.8	3	375.000	6002445

Mesh cable tray with shaped connector of side height 105 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 No additional connection components are required for the mesh cable tray, it is simply interlocked. The grid width is 50 x 100 mm.

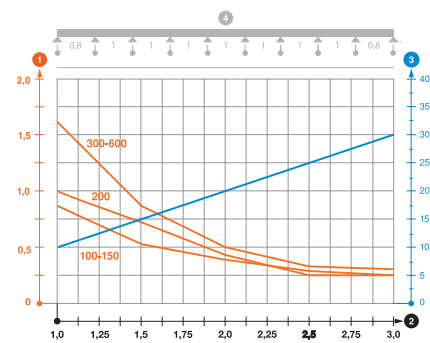
Type	Length mm	Usable	
		Dim. B mm	cross-section cm ²
GRM 105 100 FT	3000	100	82
GRM 105 150 FT	3000	150	130
GRM 105 200 FT	3000	200	175
GRM 105 300 FT	3000	300	268
GRM 105 400 FT	3000	400	363
GRM 105 450 FT	3000	450	411
GRM 105 500 FT	3000	500	459
GRM 105 600 FT	3000	600	554

Dimensions



	1.0 m	1.5 m	2.0 m	3.0 m
	kN/m	kN/m	kN/m	kN/m
GRM 105 100 FT	0.8	0.55	0.37	0.25
GRM 105 150 FT	0.8	0.55	0.37	0.25
GRM 105 200 FT	1	0.7	0.4	0.25
GRM 105 300 FT	1.6	0.8	0.5	0.3
GRM 105 400 FT	1.6	0.8	0.5	0.3
GRM 105 450 FT	1.6	0.8	0.5	0.3
GRM 105 500 FT	1.6	0.8	0.5	0.3
GRM 105 600 FT	1.6	0.8	0.5	0.3

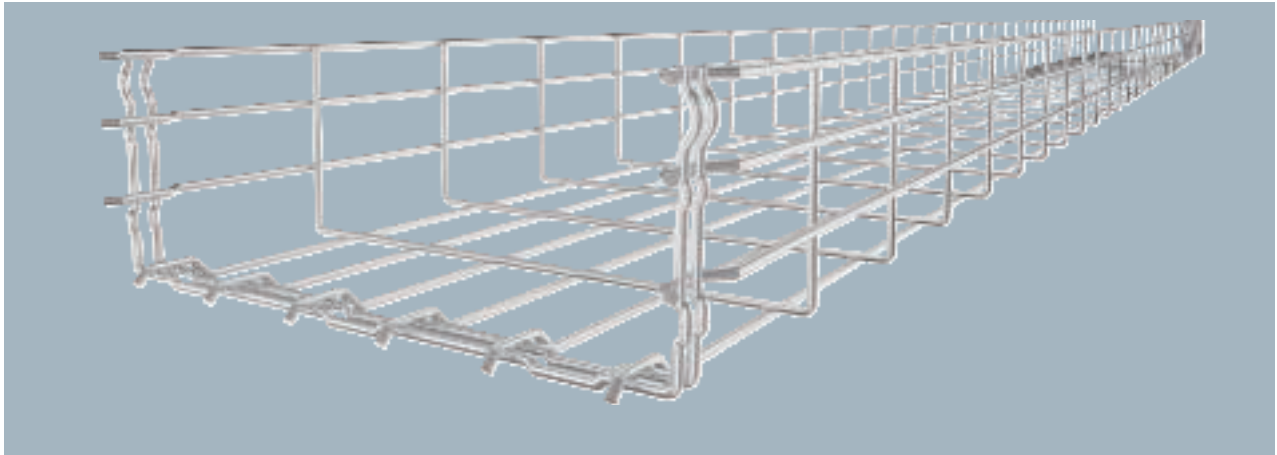
Load



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

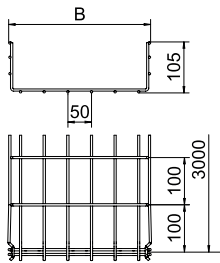
Mesh cable tray GR-Magic® 105



Mesh cable tray with shaped connector of side height 105 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 No additional connection components are required for the mesh cable tray, it is simply interlocked. The grid width is 50 x 100 mm.

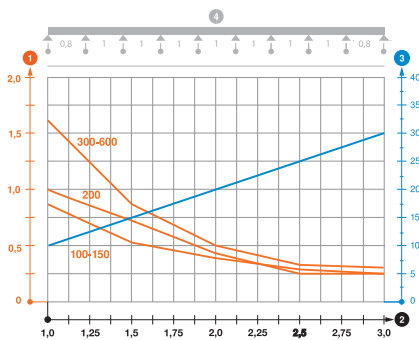
Type	Wire		Pack	Weight	Item no.
	Width	Ø			
GRM 105 100 A2	100	3.9	3	99.333	6002451
GRM 105 150 A2	150	3.9	3	111.667	6002455
GRM 105 200 A2	200	4.8	3	200.667	6002457
GRM 105 300 A2	300	4.8	3	234.667	6002460
GRM 105 400 A2	400	4.8	3	277.000	6002463
GRM 105 500 A2	500	4.8	3	319.000	6002466
GRM 105 600 A2	600	4.8	3	363.333	6002469

Dimensions



Type	Length	Usable	
		Dim. B	cross-section
GRM 105 100 A2	3000	100	82
GRM 105 150 A2	3000	150	130
GRM 105 200 A2	3000	200	175
GRM 105 300 A2	3000	300	268
GRM 105 400 A2	3000	400	363
GRM 105 500 A2	3000	500	459
GRM 105 600 A2	3000	600	554

Load

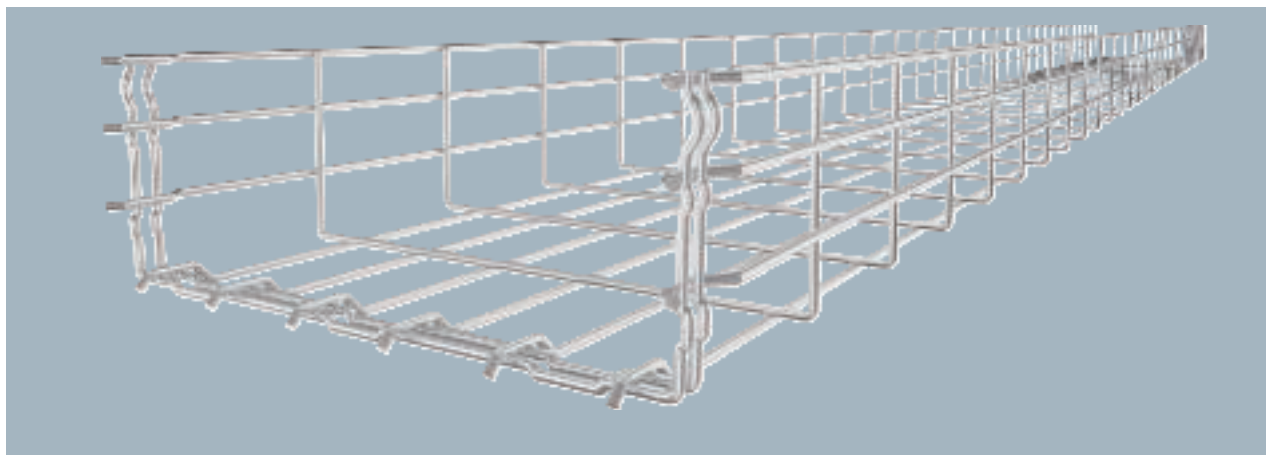


Type	1.0 m	1.5 m	2.0 m	3.0 m
	kN/m	kN/m	kN/m	kN/m
GRM 105 100 A2	0.8	0.55	0.37	0.25
GRM 105 150 A2	0.8	0.55	0.37	0.25
GRM 105 200 A2	0.8	0.55	0.37	0.25
GRM 105 300 A2	1.1	0.75	0.53	0.3
GRM 105 400 A2	1.1	0.75	0.53	0.3
GRM 105 500 A2	1.25	0.85	0.6	0.3
GRM 105 600 A2	1.25	0.85	0.6	0.3

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

Mesh cable tray GR-Magic® 105

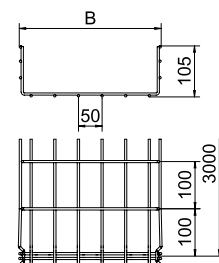


Type	Width mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
GRM 105 100 A4	100	3.9	3	99.333	6002475
GRM 105 150 A4	150	3.9	3	111.667	6002476
GRM 105 200 A4	200	4.8	3	192.333	6002477
GRM 105 300 A4	300	4.8	3	235.000	6002479
GRM 105 400 A4	400	4.8	3	277.000	6002481
GRM 105 500 A4	500	4.8	3	319.000	6002483
GRM 105 600 A4	600	4.8	3	363.333	6002485

Mesh cable tray with shaped connector of side height 105 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 No additional connection components are required for the mesh cable tray, it is simply interlocked. The grid width is 50 x 100 mm.

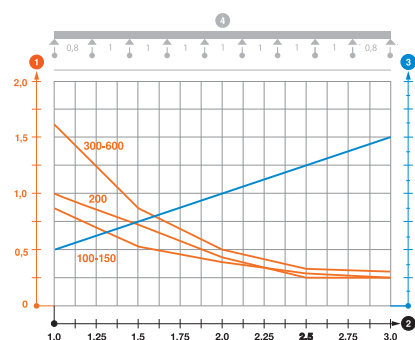
Type	Length mm	Dim. B mm	Usable cross-section cm ²
GRM 105 100 A4	3000	100	82
GRM 105 150 A4	3000	150	130
GRM 105 200 A4	3000	200	175
GRM 105 300 A4	3000	300	268
GRM 105 400 A4	3000	400	363
GRM 105 500 A4	3000	500	459
GRM 105 600 A4	3000	600	554

Dimensions



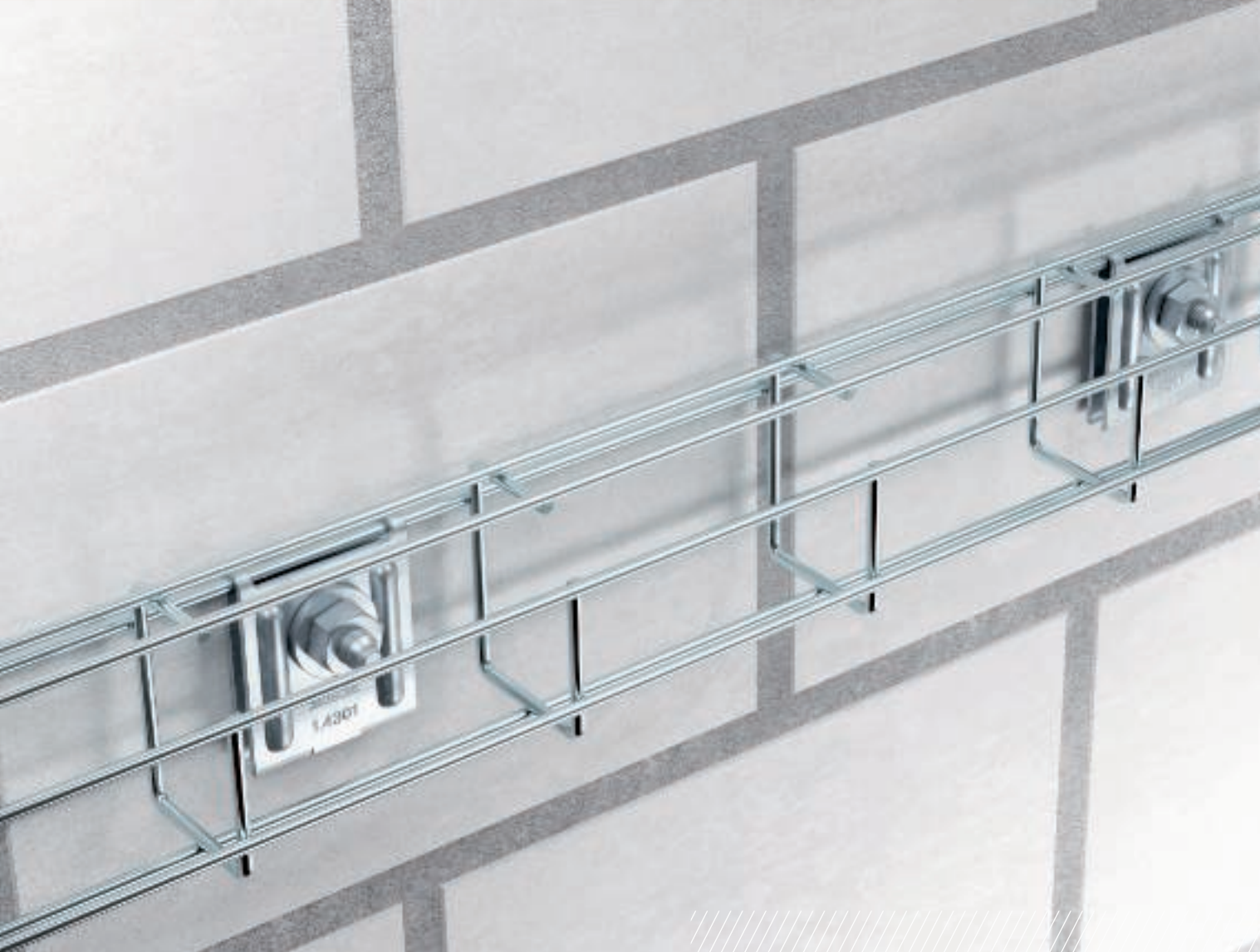
	1.0 m	1.5 m	2.0 m	3.0 m
	kN/m			
GRM 105 100 A4	0.8	0.55	0.37	0.25
GRM 105 150 A4	0.8	0.55	0.37	0.25
GRM 105 200 A4	0.8	0.55	0.37	0.25
GRM 105 300 A4	1.1	0.75	0.53	0.3
GRM 105 400 A4	1.1	0.75	0.53	0.3
GRM 105 500 A4	1.25	0.85	0.6	0.3
GRM 105 600 A4	1.25	0.85	0.6	0.3

Load



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



Magic G mesh cable tray

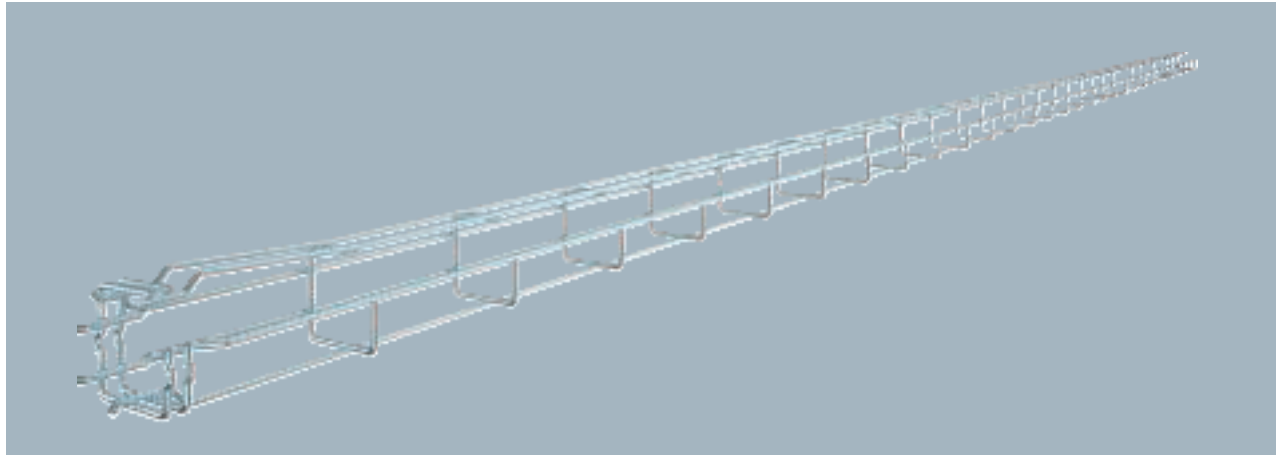
The Magic G mesh cable tray is the ideal extension of the Magic solutions for the OBO Bettermann mesh cable tray systems. The quick Magic connection means that a screwless and easy-to-mount variant is now offered for the G mesh cable tray

system as well. Even in false ceiling mounting, it is an ideal alternative through direct wall or ceiling mounting. The Magic G mesh cable tray is available in four sizes and three surfaces, thus offering ideal solutions for all kinds of tasks.



G mesh cable tray Magic® 50

St G



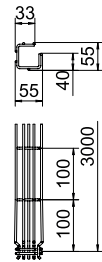
Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 50 50 G	50	3.9	3	67.067	6005535

G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

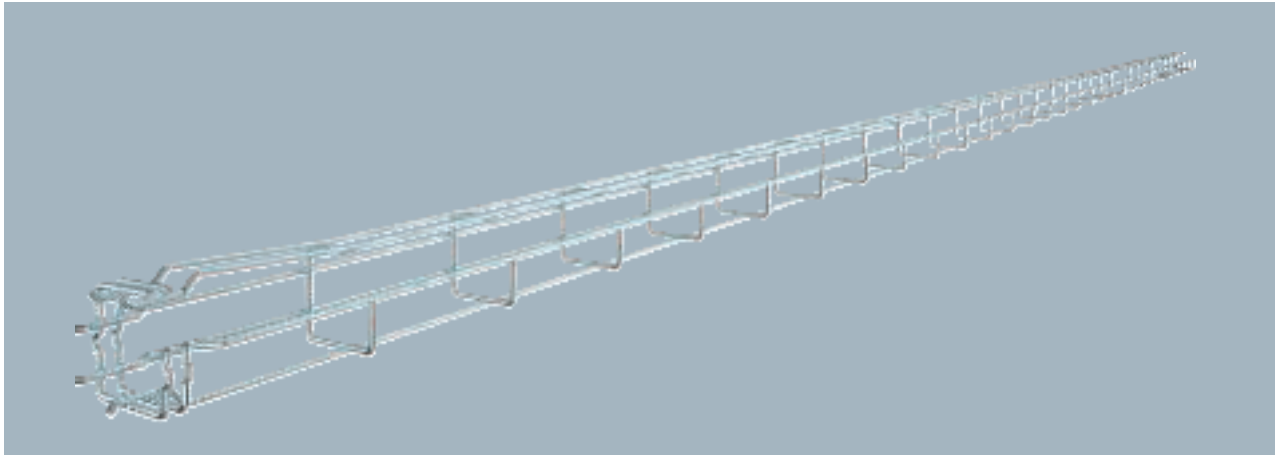
Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 50 50 G	3000	55	55	33	38

Dimensions



St FT

G mesh cable tray Magic® 50

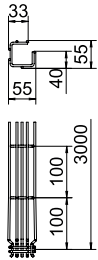


G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths.
Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 50 50 FT	50	3.9	3	68.567	6005520

Dimensions

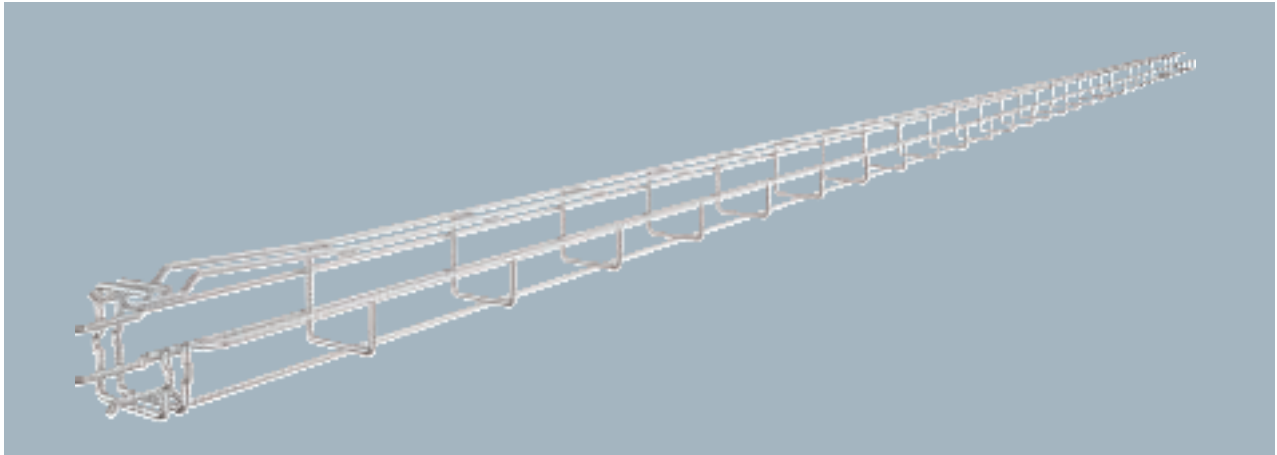


Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 50 50 FT	3000	55	55	33	38

Load

Fastening variant	Support spacing [m]			
	Load [kN/m]			
Wall fastening K12 1818	0.2	0.15	0.1	0.05
Ceiling fastening K12 1818	0.25	0.2	0.10	0.05

G mesh cable tray Magic® 50



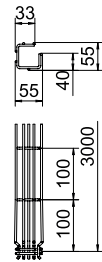
Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 50 50 A2	50	3.9	3	66.567	6005550

G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 50 50 A2	3000	55	55	33	38

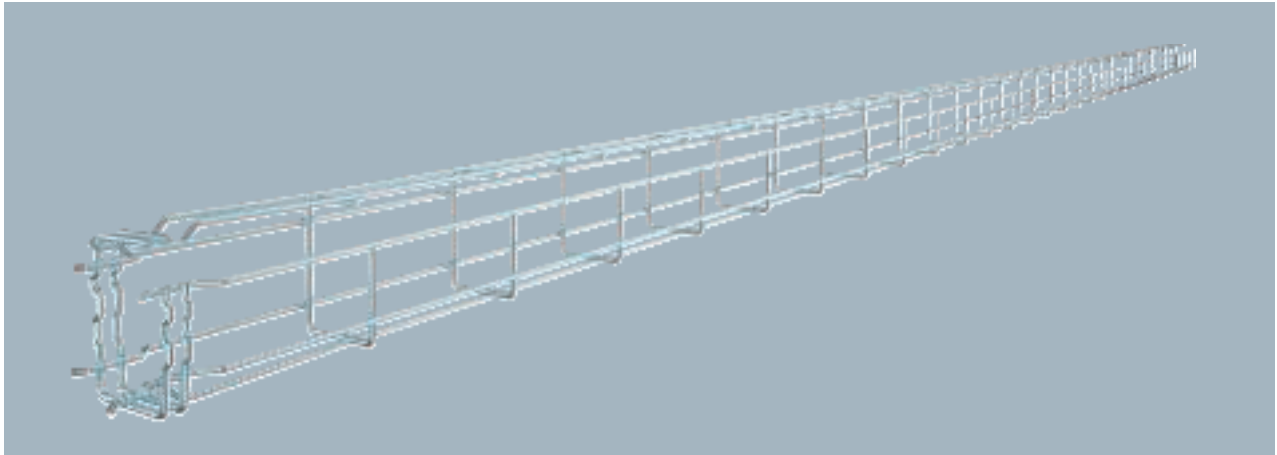
Dimensions



G-GRM 50/50	Support spacing [m]			
	Load [kN/m]			
Fastening variant	1	1.5	2	2.5
Wall fastening K12 1818	0.2	0.15	0.1	0.05
Ceiling fastening K12 1818	0.25	0.2	0.10	0.05

Load

G mesh cable tray Magic® 75

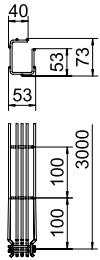


G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 75 50 G	75	3.9	3	79.867	6005538

Dimensions



Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 75 50 G	3000	53	73	38	53

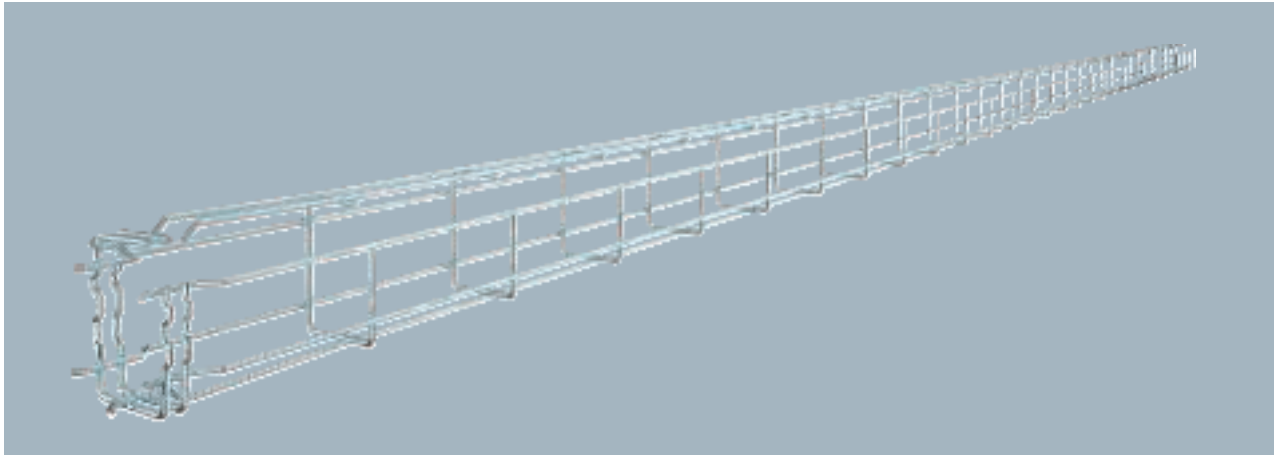
Load

Fastening variant	Support spacing [m]			
	Load [kN/m]			
1	1.5	2	2.5	
Wall fastening K12 1818	0.3	0.2	0.15	0.1
Ceiling fastening K12 1818	0.35	0.2	0.15	0.1



G mesh cable tray Magic® 75

St FT



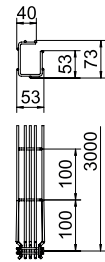
Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 75 50 FT	75	3.9	3	83.700	6005523

G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths.
Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 75 50 FT	3000	53	73	38	53

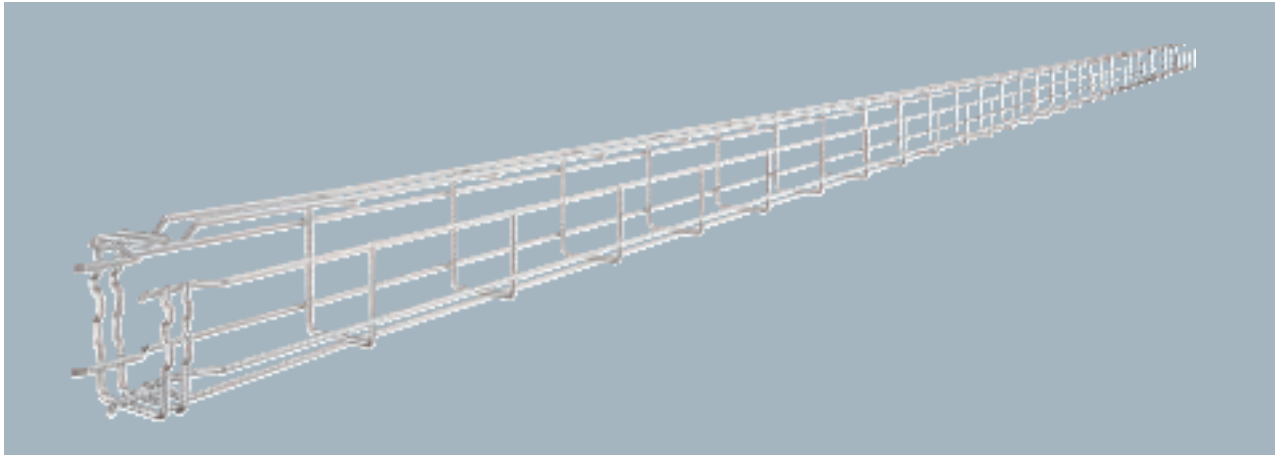
Dimensions



G-GRM 75/50	Support spacing [m]	Load [kN/m]		
		1	2	2.5
Fastening variant	0.3	0.2	0.15	0.1
Wall fastening K12 1818	0.35	0.2	0.15	0.1
Ceiling fastening K12 1818				

Load

G mesh cable tray Magic® 75

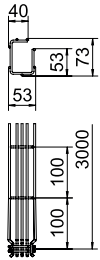


G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths.
Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 75 50 A2	75	3.9	3	79.467	6005553

Dimensions



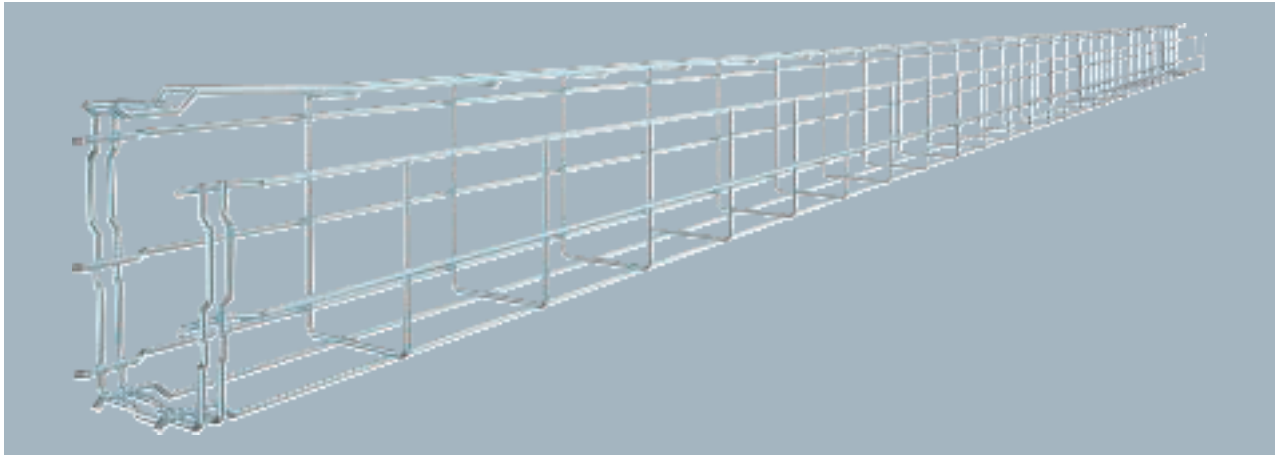
Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 75 50 A2	3000	53	73	38	53

Load

Fastening variant	Support spacing [m]			
	Load [kN/m]			
Bracket MWAG 12-11	1	1.5	2	2.5
Wall fastening K12 1818	0.3	0.2	0.15	0.1
Ceiling fastening K12 1818	0.35	0.2	0.15	0.1

G mesh cable tray Magic® 125

St G



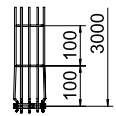
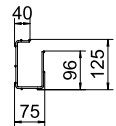
Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 125 75 G	125	3.9	3	108.000	6005541

G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 125 75 G	3000	75	125	38	96

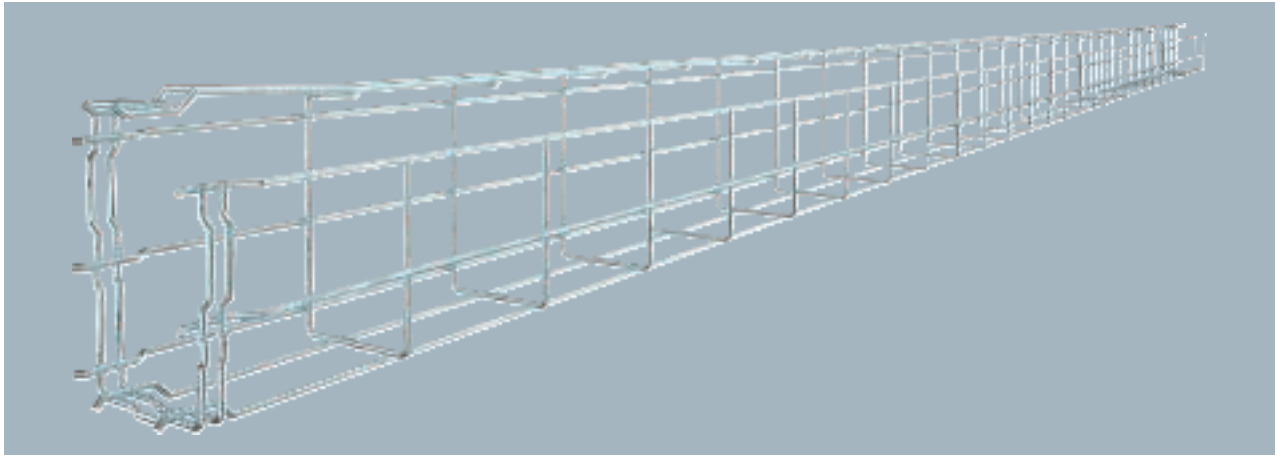
Dimensions



G-GRM 125/75	Support spacing [m]	Load [kN/m]		
		1	2	2.5
Fastening variant	1	1.5	2	2.5
Bracket MWAG 12-11	0.6	0.35	0.3	0.2
Wall fastening K12 1818	0.25	0.25	0.2	0.15
Ceiling fastening K12 1818	0.3	0.25	0.2	0.15

Load

G mesh cable tray Magic® 125

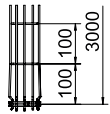
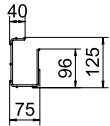


G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 125 75 FT	125	3.9	3	113.667	6005526

Dimensions

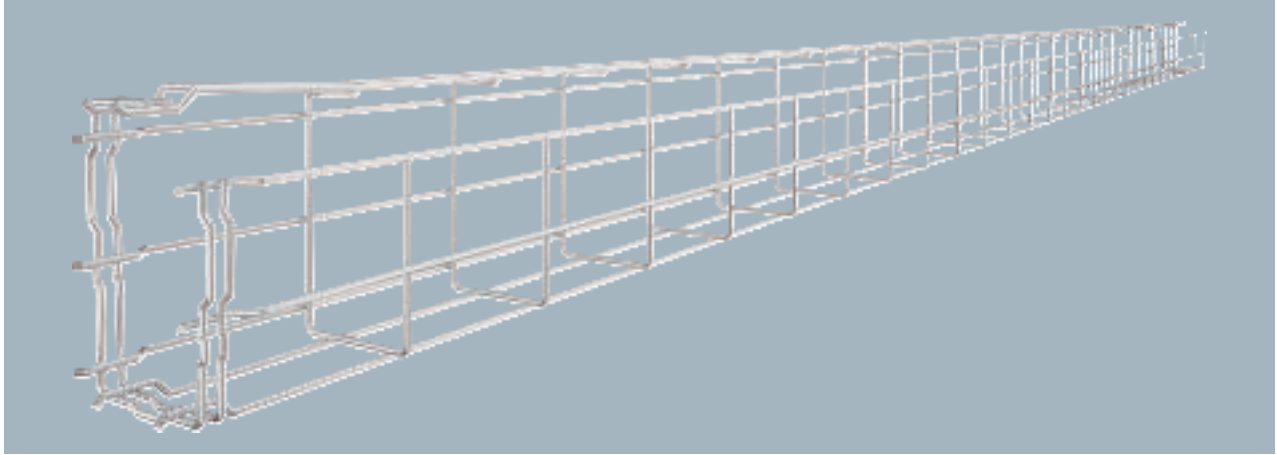


Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 125 75 FT	3000	75	125	38	96

Load

Fastening variant	Support spacing [m]		
	1	2	2.5
Bracket MWAG 12-11	0.6	0.35	0.3
Wall fastening K12 1818	0.25	0.25	0.2
Ceiling fastening K12 1818	0.3	0.25	0.2

G mesh cable tray Magic® 125



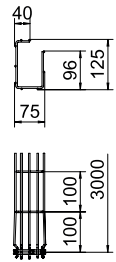
Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 125 75 A2	125	3.9	3	108.000	6005556

G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 125 75 A2	3000	75	125	38	96

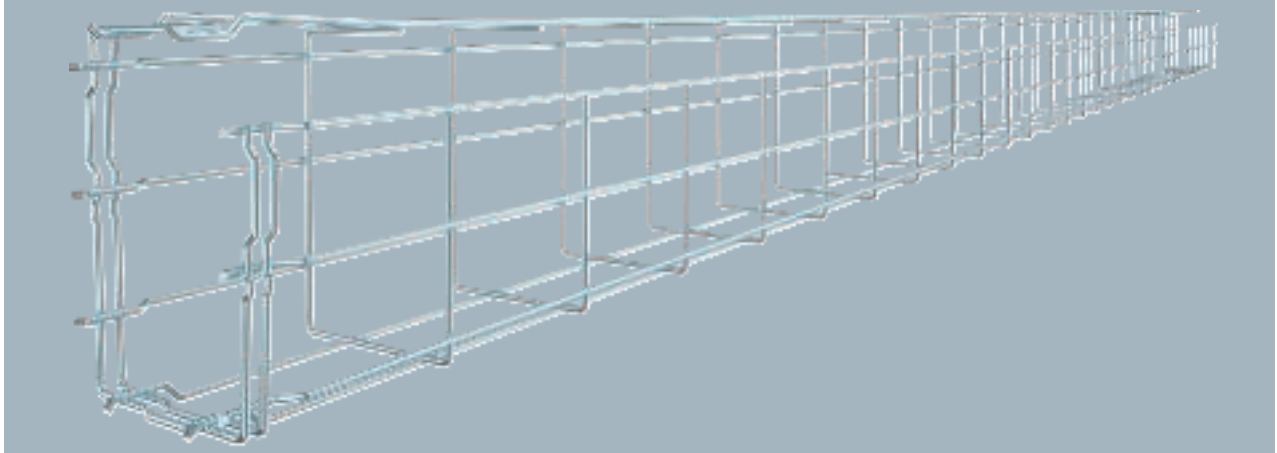
Dimensions



G-GRM 125/75	Support spacing [m]	Load [kN/m]		
		1.5	2	2.5
Fastening variant	1	0.35	0.3	0.2
Bracket MWAG 12-11	0.6	0.25	0.2	0.15
Wall fastening K12 1818	0.25	0.25	0.2	0.15
Ceiling fastening K12 1818	0.3	0.25	0.2	0.15

Load

G mesh cable tray Magic® 150

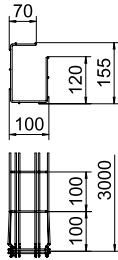


G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 150 100 G	150	3.9	3	127.333	6005544

Dimensions

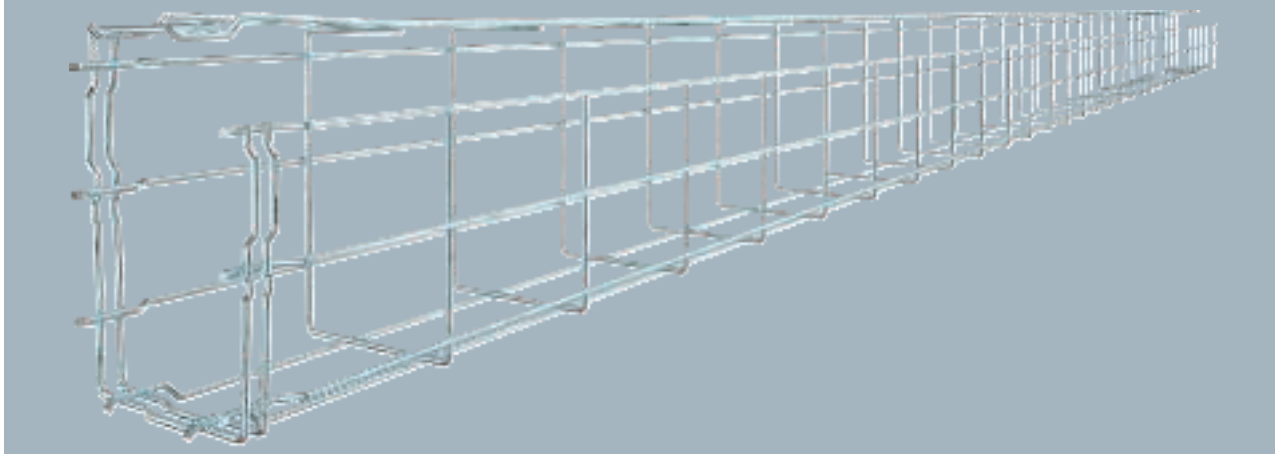


Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 150 100 G	3000	100	155	68	120

Load

Fastening variant	Support spacing [m]			
	Load [kN/m]			
Bracket MWAG 12-11	1	1.5	2	2.5
Wall fastening K12 1818	0.6	0.5	0.35	0.3
Ceiling fastening K12 1818	0.25	0.2	0.15	0.1

G mesh cable tray Magic® 150



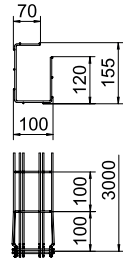
Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 150 100 FT	150	3.9	3	134.033	6005529

G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 150 100 FT	3000	100	155	68	120

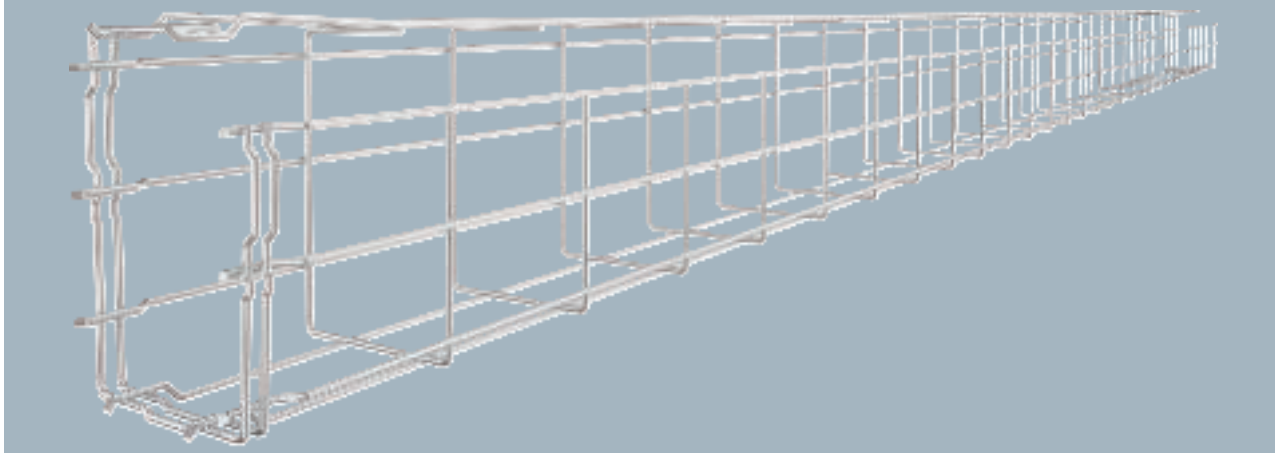
Dimensions



G-GRM 150/100	Support spacing [m]	Load [kN/m]		
		1	2	2.5
Fastening variant	1	1.5	2	2.5
Bracket MWAG 12-11	0.6	0.5	0.35	0.3
Wall fastening K12 1818	0.25	0.2	0.15	0.1
Ceiling fastening K12 1818	0.25	0.25	0.15	0.1

Load

G mesh cable tray Magic® 150

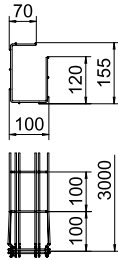


G-shaped mesh cable tray made of spot-welded steel wire with different side heights and widths. Direct wall or ceiling mounting possible. Load capacity details regarding the different mounting methods are available upon request.

Magnetic shield insulation 15 dB.

Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
G-GRM 150 100 A2	150	3.9	3	127.067	6005559

Dimensions

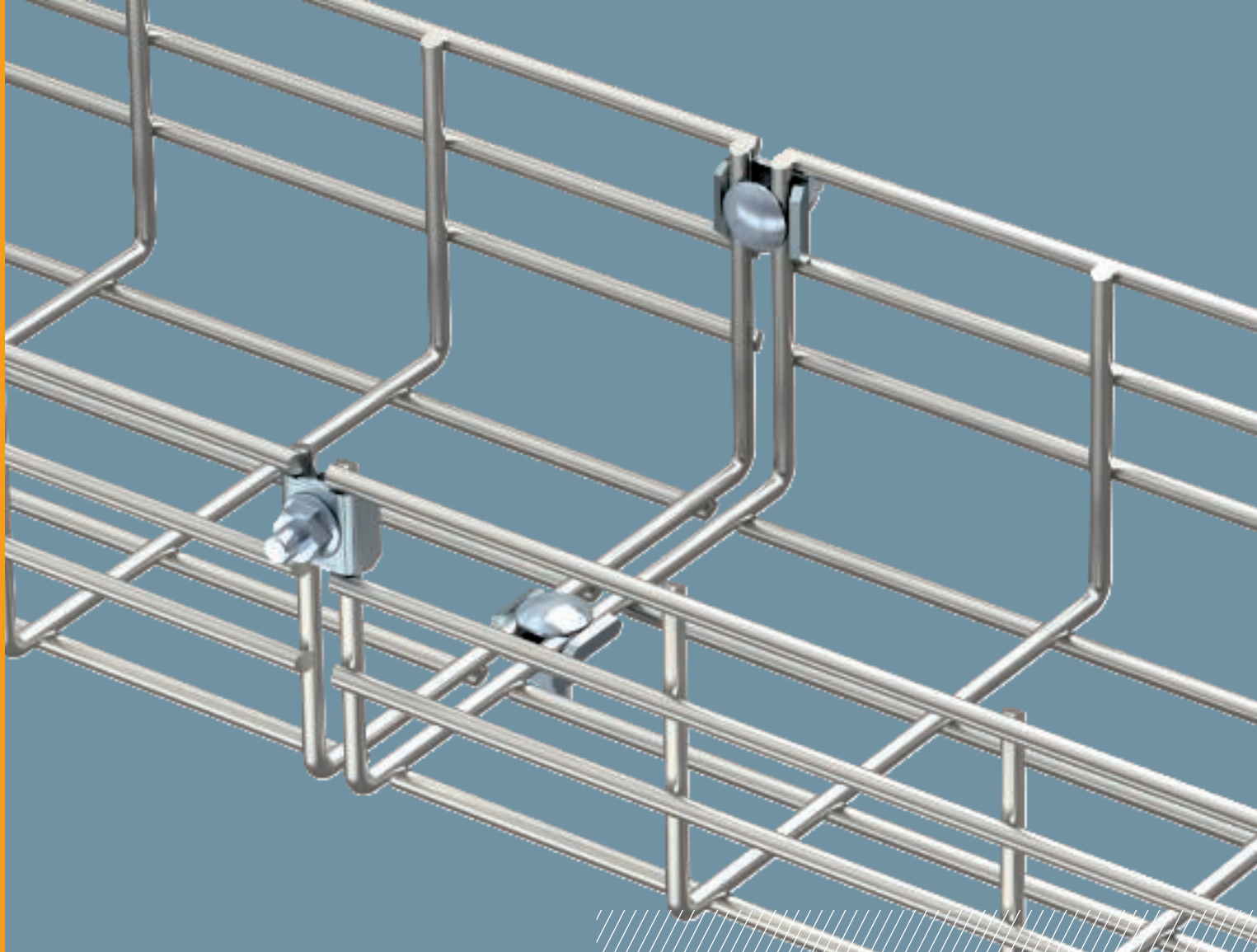


Type	Length mm	Dim. B mm	Dim. H mm	Dim. C mm	Dim. A mm
G-GRM 150 100 A2	3000	100	155	68	120

Load

Fastening variant	Support spacing [m]			
	0.5	1	1.5	2
Bracket MWAG 12-11	0.5	0.35	0.3	0.3
Wall fastening K12 1818	0.25	0.2	0.15	0.1
Ceiling fastening K12 1818	0.25	0.25	0.15	0.1

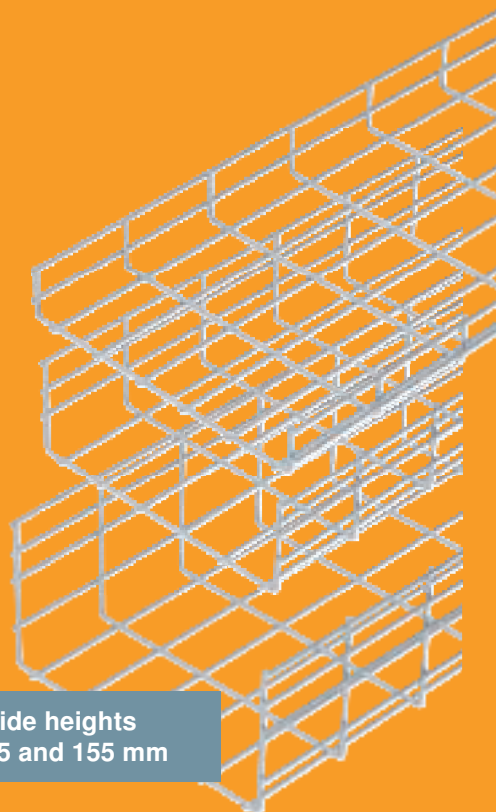




Heavy-duty SGR mesh cable tray made of 6 mm wire

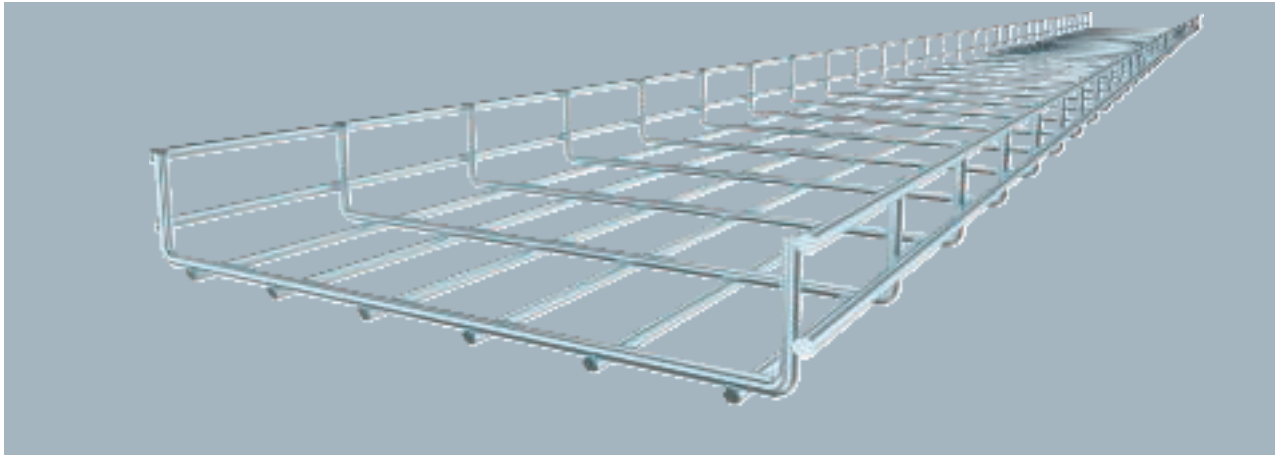
Today, due to the wide range of applications, the requirements for mesh cable trays differ a great deal. Besides simple mounting, a high load capacity, dirt-repelling qualities, good ventilation behaviour and high-quality surface refinement are particularly in demand.

The new heavy-duty mesh cable tray of type SGR, made of 6 mm-thick wire in a U profile, combines many advantages all at the same time. The strong wire design means that the SGR, with its low intrinsic weight, can withstand load capacities of up to 110% more than the comparable mesh cable trays of competitors and can thus also be used for larger support spacings of up to 4.0 m.



3 side heights
55, 105 and 155 mm

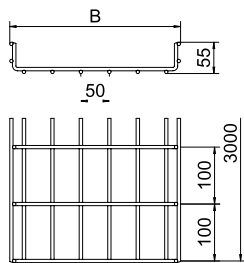
Heavy-duty cable tray SGR 55



Mesh cable tray made of spot-welded steel wire of side height 55 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 The grid dimension is 50 x 100 mm.
 Stainless steel version on request.

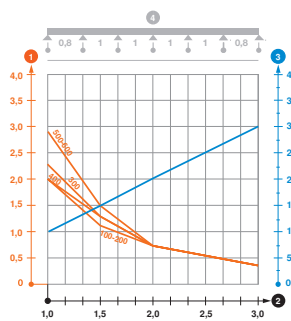
Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
SGR 55 100 G	100	6	3	166.333	6005470
SGR 55 150 G	150	6	3	199.000	6005472
SGR 55 200 G	200	6	3	230.067	6005474
SGR 55 300 G	300	6	3	293.233	6005476
SGR 55 400 G	400	6	3	357.033	6005478
SGR 55 500 G	500	6	3	426.333	6005480
SGR 55 600 G	600	6	3	491.667	6005482

Dimensions



Type	Length mm	Dim. B mm	Usable cross-section
			cm ²
SGR 55 100 G	3000	100	40
SGR 55 150 G	3000	150	63
SGR 55 200 G	3000	200	87
SGR 55 300 G	3000	300	129
SGR 55 400 G	3000	400	175
SGR 55 500 G	3000	500	220
SGR 55 600 G	3000	600	265

Load



Type	1.0 m	1.5 m	2.0 m	3.0 m
	kN/m	kN/m	kN/m	kN/m
SGR 55 100 G	2	1.15	0.75	0.4
SGR 55 150 G	2	1.15	0.75	0.4
SGR 55 200 G	2	1.15	0.75	0.4
SGR 55 300 G	2	1.3	0.75	0.4
SGR 55 400 G	2.3	1.3	0.75	0.4
SGR 55 500 G	2.9	1.5	0.75	0.4
SGR 55 600 G	2.9	1.5	0.75	0.4

Load diagram, mesh cable tray, type SGR 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

Heavy-duty cable tray SGR 55



Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
SGR 55 100 FT	100	6	3	171.667	6000122
SGR 55 150 FT	150	6	3	205.333	6000190
SGR 55 200 FT	200	6	3	238.667	6000209
SGR 55 300 FT	300	6	3	305.667	6000331
SGR 55 400 FT	400	6	3	372.667	6000451
SGR 55 500 FT	500	6	3	439.667	6000515
SGR 55 600 FT	600	6	3	507.000	6000775

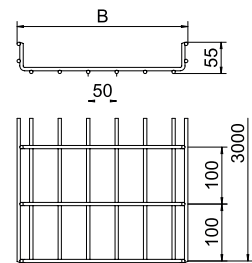
Mesh cable tray made of spot-welded steel wire of side height 55 mm.

Magnetic shield insulation without cover 15 dB, with cover 25 dB.

The grid width is 50 x 100 mm.

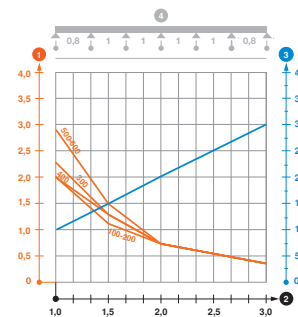
Type	Length mm	Dim. B mm	Usable cross- section cm ²
SGR 55 150 FT	3000	150	63
SGR 55 200 FT	3000	200	87
SGR 55 300 FT	3000	300	129
SGR 55 400 FT	3000	400	175
SGR 55 500 FT	3000	500	220
SGR 55 600 FT	3000	600	265

Dimensions



		1.0 m	1.5 m	2.0 m	3.0 m
		kN/m	kN/m	kN/m	kN/m
SGR 55 100 FT	2	1.15	0.75	0.4	
SGR 55 150 FT	2	1.15	0.75	0.4	
SGR 55 200 FT	2	1.15	0.75	0.4	
SGR 55 300 FT	2	1.3	0.75	0.4	
SGR 55 400 FT	2.3	1.3	0.75	0.4	
SGR 55 500 FT	2.9	1.5	0.75	0.4	
SGR 55 600 FT	2.9	1.5	0.75	0.4	

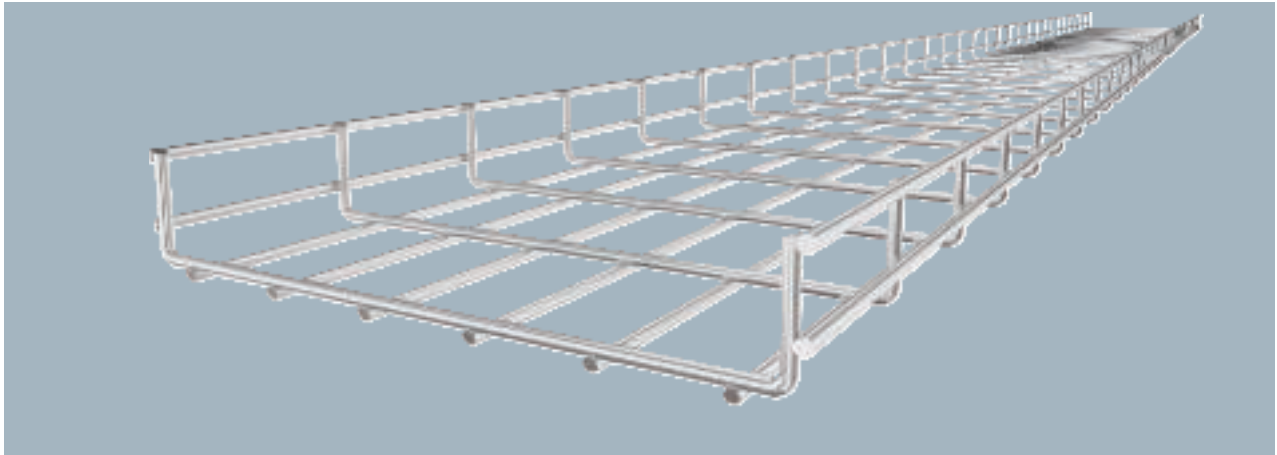
Load



Load diagram, mesh cable tray, type SGR 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

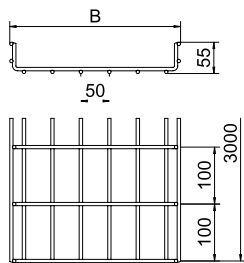
Heavy-duty cable tray SGR 55



Mesh cable tray made of spot-welded steel wire of side height 55 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 The grid width is 50 x 100 mm.

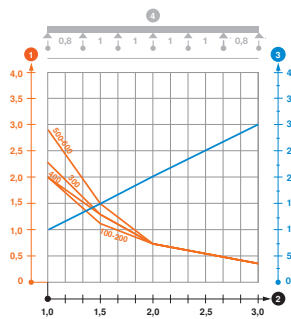
Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
SGR 55 100 A2	100	6	3	166.000	6000909
SGR 55 150 A2	150	6	3	198.000	6000913
SGR 55 200 A2	200	6	3	231.333	6000917
SGR 55 300 A2	300	6	3	296.333	6000925
SGR 55 400 A2	400	6	3	361.333	6000933
SGR 55 500 A2	500	6	3	426.333	6000941
SGR 55 600 A2	600	6	3	491.667	6000958

Dimensions



Type	Length mm	Dim. B mm	Usable cross-section cm ²
SGR 55 150 A2	3000	150	63
SGR 55 200 A2	3000	200	87
SGR 55 300 A2	3000	300	129
SGR 55 400 A2	3000	400	175
SGR 55 500 A2	3000	500	220
SGR 55 600 A2	3000	600	265

Load



Type	1.0 m	1.5 m	2.0 m	3.0 m
	kN/m	kN/m	kN/m	kN/m
SGR 55 100 A2	2	1.15	0.75	0.4
SGR 55 150 A2	2	1.15	0.75	0.4
SGR 55 200 A2	2	1.15	0.75	0.4
SGR 55 300 A2	2	1.3	0.75	0.4
SGR 55 400 A2	2.3	1.3	0.75	0.4
SGR 55 500 A2	2.9	1.5	0.75	0.4
SGR 55 600 A2	2.9	1.5	0.75	0.4

Load diagram, mesh cable tray, type SGR 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

Heavy-duty cable tray SGR 105

Mesh cable trays

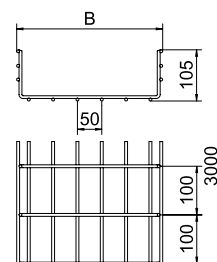


Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
SGR 105 150 FT	150	6	3	272.333	6003175
SGR 105 200 FT	200	6	3	305.667	6003214
SGR 105 300 FT	300	6	3	372.667	6003309
SGR 105 400 FT	400	6	3	439.667	6003402
SGR 105 500 FT	500	6	3	507.000	6003515
SGR 105 600 FT	600	6	3	574.667	6003616

Mesh cable tray made of spot-welded steel wire of side height 105 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 The grid width is 50 x 100 mm.

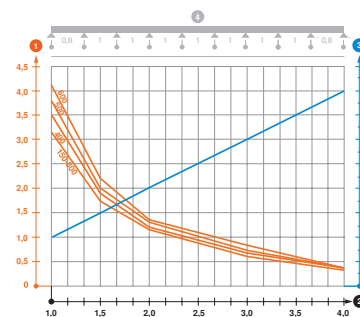
Type	Length mm	B mm	Usable
			Dim. cross-section cm ²
SGR 105 150 FT	3000	150	130
SGR 105 200 FT	3000	200	175
SGR 105 300 FT	3000	300	268
SGR 105 400 FT	3000	400	363
SGR 105 500 FT	3000	500	459
SGR 105 600 FT	3000	600	554

Dimensions



	1.0 m	1.5 m	2.0 m	3.0 m	4.0 m
	kN/m	kN/m	kN/m	kN/m	kN/m
SGR 105 150 FT	3.1	1.75	1.15	0.6	0.4
SGR 105 200 FT	3.1	1.75	1.15	0.6	0.4
SGR 105 300 FT	3.1	1.75	1.15	0.6	0.4
SGR 105 400 FT	3.5	1.9	1.2	0.7	0.45
SGR 105 500 FT	3.8	2	1.3	0.75	0.45
SGR 105 600 FT	4.1	2.2	1.35	0.8	0.45

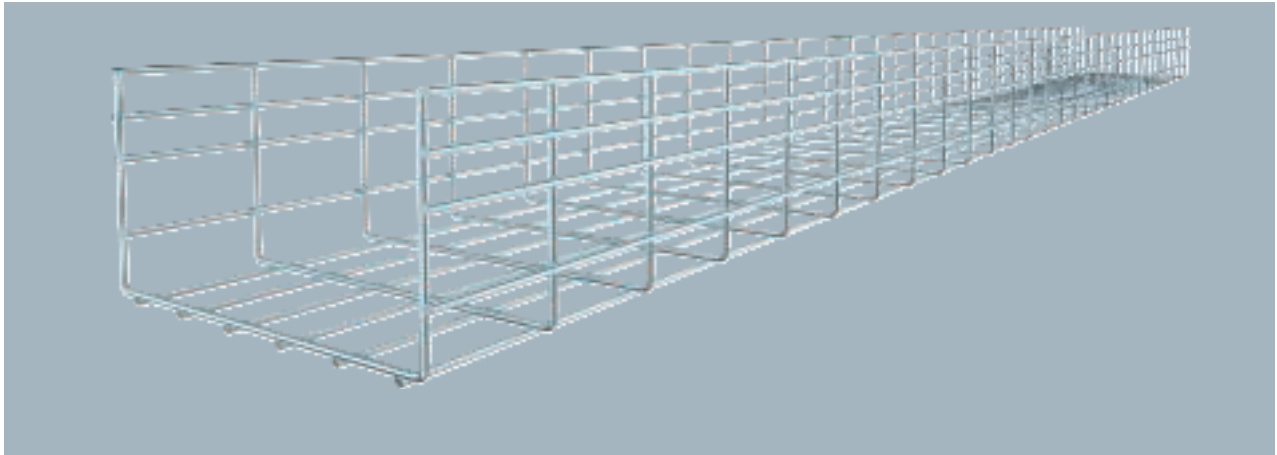
Load



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

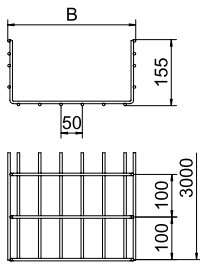
Heavy-duty cable tray SGR 155



Mesh cable tray made of spot-welded steel wire of side height 155 mm.
 Magnetic shield insulation without cover 15 dB, with cover 25 dB.
 The grid width is 50 x 100 mm.

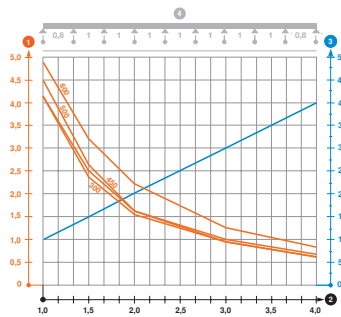
Type	Wire		Pack Weight m kg/100 m	Item no.
	Width mm	Ø mm		
SGR 155 300 G	300	6	3	6003681
SGR 155 450 G	450	6	3	6003684
SGR 155 500 G	500	6	3	6003685
SGR 155 600 G	600	6	3	6003687

Dimensions



Type	Length mm	Dim. B mm	Usable
			Dim. cross-section cm ²
SGR 155 300 G	3000	300	438
SGR 155 450 G	3000	450	663
SGR 155 500 G	3000	500	738
SGR 155 600 G	3000	600	888

Load

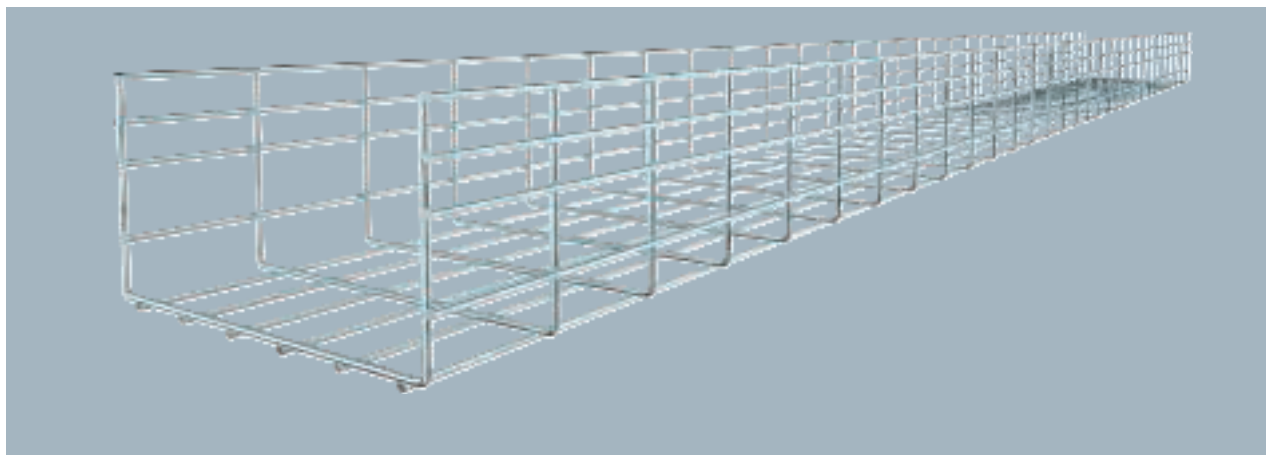


Type	1.0 m	1.5 m	2.0 m	3.0 m	4.0 m
	kN/m	kN/m	kN/m	kN/m	kN/m
SGR 155 300 G	4.1	2.4	1.55	0.95	0.6
SGR 155 450 G	4.1	2.5	1.6	0.95	0.6
SGR 155 500 G	4.5	2.6	1.6	1	0.65
SGR 155 600 G	4.9	3.2	2.2	1.25	0.8

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

Heavy-duty cable tray SGR 155



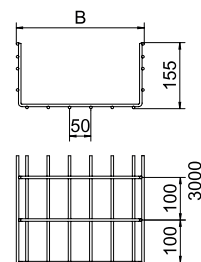
Type	Wire		Pack m	Weight kg/100 m	Item no.
	Width mm	Ø mm			
SGR 155 300 FT	300	6	3	439.667	6003692
SGR 155 450 FT	450	6	3	541.000	6003695
SGR 155 500 FT	500	6	3	574.667	6003696
SGR 155 600 FT	600	6	3	641.667	6003698

Mesh cable tray made of spot-welded steel wire of side height 155 mm.

Magnetic shield insulation without cover 15 dB, with cover 25 dB.
The grid width is 50 x 100 mm.

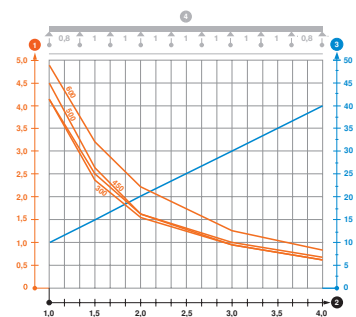
Type	Length mm	Dim. B mm	Usable
			Dim. cross-section cm ²
SGR 155 300 FT	3000	300	438
SGR 155 450 FT	3000	450	663
SGR 155 500 FT	3000	500	738
SGR 155 600 FT	3000	600	888

Dimensions



	1.0 m	1.5 m	2.0 m	3.0 m	4.0 m
	kN/m	kN/m	kN/m	kN/m	kN/m
SGR 155 300 FT	4.1	2.4	1.55	0.95	0.6
SGR 155 450 FT	4.1	2.5	1.6	0.95	0.6
SGR 155 500 FT	4.5	2.6	1.6	1	0.65
SGR 155 600 FT	4.9	3.2	2.2	1.25	0.8

Load



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



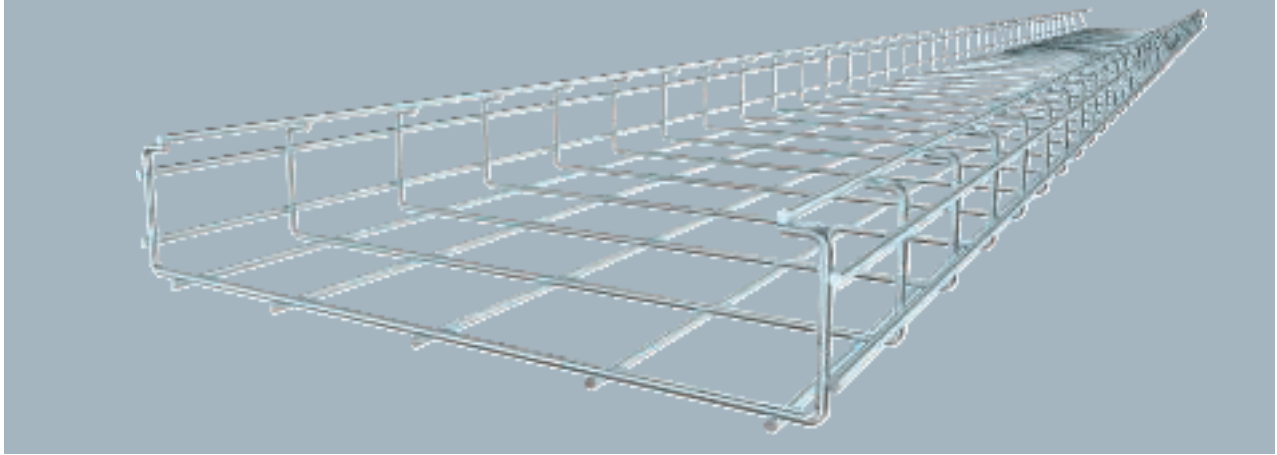
C mesh cable tray

The C mesh cable tray system from OBO Bettermann fulfils the highest requirements for load capacities and versatility. The C shape allows support widths of up to three metres. This system, with its 50 mm side height, together with the optimised accessories such as hold-down clamps, Quick con-

nectors, barrier strips, suspension profiles, mounting brackets, etc. is an ideal addition to the overall mesh cable tray system. It is used both in industry and in all other areas of professional electrical installations.



C mesh cable tray CGR 50

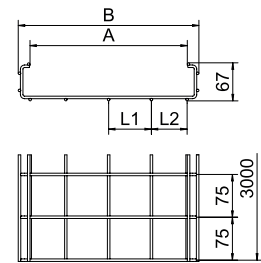


Type	Side height mm	Wire Ø mm	Pack m	Weight kg/100 m	Item no.
CGR 50 50 FT	50	4.5	3	128.667	6017428
CGR 50 100 FT	50	4.5	3	139.100	6017436
CGR 50 200 FT	50	4.5	3	177.134	6017444
CGR 50 300 FT	50	4.5	3	204.334	6017452
CGR 50 400 FT	50	4.5	3	232.334	6017460

C-shaped mesh cable tray made of spot-welded steel wire of side height 50 mm.
Magnetic shield insulation 15 dB.

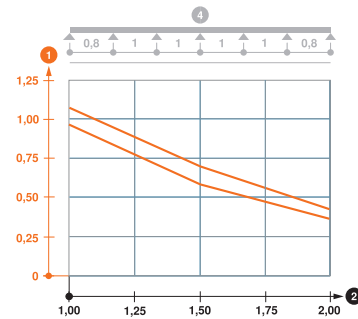
Type	Length mm	Dim. A mm	Dim. B mm	Usable cross-section cm ²
CGR 50 50 FT	3000	26	67	13
CGR 50 100 FT	3000	76	117	34
CGR 50 200 FT	3000	176	217	75
CGR 50 300 FT	3000	276	317	116
CGR 50 400 FT	3000	376	417	157

Dimensions



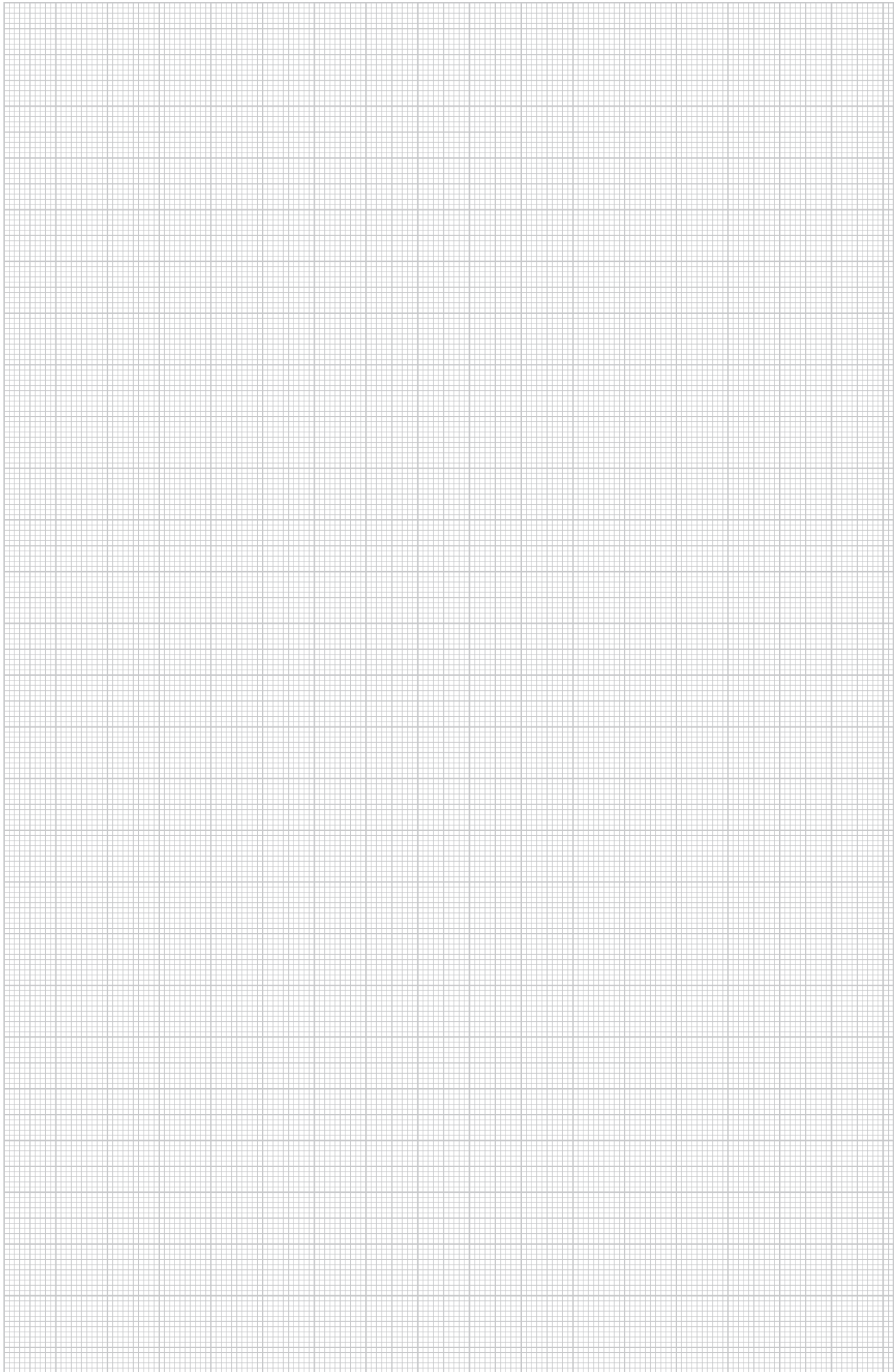
	1.0 m kN/m	1.5 m kN/m	2.0 m kN/m
CGR 50 50 FT	0.95	0.6	0.35
CGR 50 100 FT	0.95	0.6	0.35
CGR 50 200 FT	1.1	0.7	0.4
CGR 50 300 FT	1.1	0.7	0.4
CGR 50 400 FT	1.1	0.7	0.4

Load



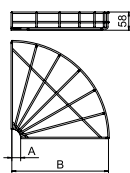
Load diagram, C mesh cable tray, type CGR 50

- 1 Permitted cable tray/ladder load in kN/m without man load
- 2 Support width in m
- 4 Load scheme during testing
- Load curve with cable tray/ladder width in mm



90° mesh cable tray bend, 55

St G

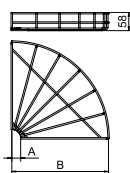


Type	Width mm	Wire		Pack Piece	Weight kg/100 pc.	Item no.
		mm	Ø mm			
GRB 90 510 G	100	3.9		1	6.997	6001920
GRB 90 515 G	150	3.9		1	14.400	6001998
GRB 90 520 G	200	3.9		1	18.800	6001939
GRB 90 530 G	300	4.8		1	50.500	6001947
GRB 90 540 G	400	4.8		1	66.100	6001955
GRB 90 550 G	500	4.8		1	95.500	6001963
GRB 90 560 G	600	4.8		1	114.100	6001971

90° bend, horizontal, for all mesh cable trays of 55 mm side height.

90° mesh cable tray bend, 55

St FT

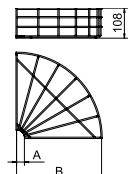


Type	Width mm	Wire		Pack Piece	Weight kg/100 pc.	Item no.
		mm	Ø mm			
GRB 90 510 FT	100	3.9		1	7.400	6002218
GRB 90 515 FT	150	3.9		1	15.100	6002222
GRB 90 520 FT	200	3.9		1	19.800	6002226
GRB 90 530 FT	300	4.8		1	52.600	6002234
GRB 90 540 FT	400	4.8		1	68.900	6002242
GRB 90 550 FT	500	4.8		1	99.600	6002250
GRB 90 560 FT	600	4.8		1	118.900	6002269

90° bend, horizontal, for all mesh cable trays of 55 mm side height.

90° mesh cable tray bend, 105

St G

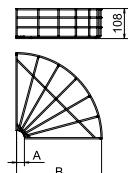


Type	Width mm	Dim. A mm	Dim. B mm	Dim. H mm	Wire Ø mm	Pack Piece	Weight kg/100 pc.	Item no.
GRB 90 115 G	150	28	156	108	3.9	1	18.800	6002372
GRB 90 120 G	200	28	206	108	4.8	1	36.300	6002374
GRB 90 130 G	300	28	306	108	4.8	1	61.500	6002376
GRB 90 140 G	400	28	406	108	4.8	1	79.200	6002378
GRB 90 150 G	500	33	506	108	4.8	1	112.000	6002382
GRB 90 160 G	600	33	606	108	4.8	1	132.700	6002384

90° bend, horizontal, for all mesh cable trays of 105 mm side height.

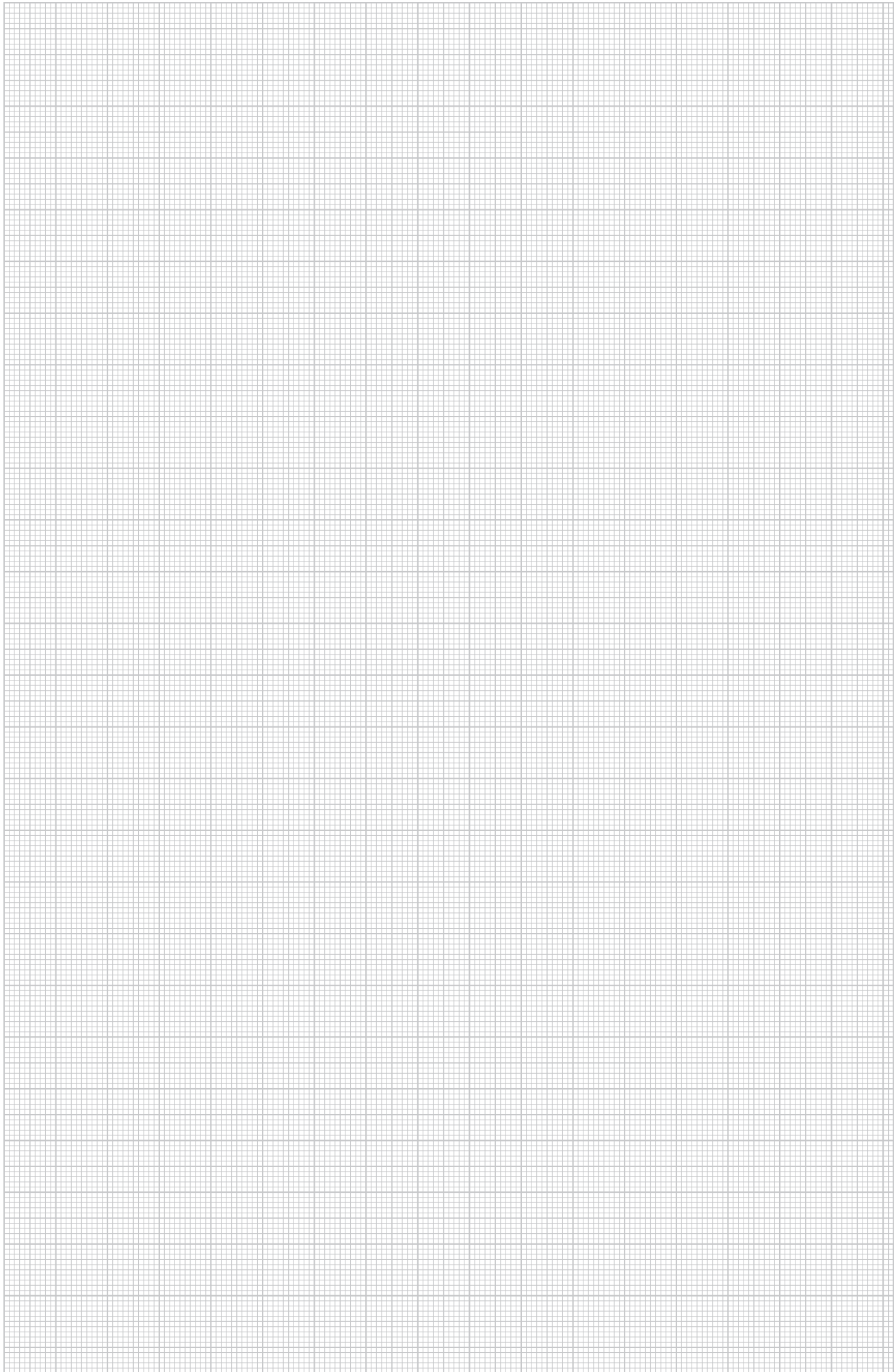
90° mesh cable tray bend, 105

St FT



Type	Width mm	Dim. A mm	Dim. B mm	Dim. H mm	Wire Ø mm	Pack Piece	Weight kg/100 pc.	Item no.
GRB 90 115 FT	150	28	156	108	3.9	1	19.300	6002311
GRB 90 120 FT	200	28	206	108	4.8	1	37.900	6002315
GRB 90 130 FT	300	28	306	108	4.8	1	64.100	6002323
GRB 90 140 FT	400	28	406	108	4.8	1	82.600	6002331
GRB 90 150 FT	500	33	506	108	4.8	1	116.800	6002358
GRB 90 160 FT	600	33	606	108	4.8	1	138.400	6002366

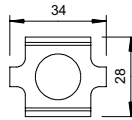
90° bend, horizontal, for all mesh cable trays of 105 mm side height.





Joint connector GSV 34

St G

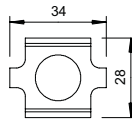


Type	Pack Piece	Weight kg/100 pc.	Item no.
GSV 34 G	20	3.155	6016596

Screwed version of joint connector for mesh cable trays.
 Figure: Positioning and quantity of mesh cable tray connectors.
 50–150 mm = 2 units
 200–300 mm = 3 units
 400–450 mm = 4 units
 500–600 mm = 5 units
 Including FRS M6 x 20 bolt with flange nut.

Joint connector GSV 34

St FT

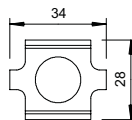


Type	Pack Piece	Weight kg/100 pc.	Item no.
GSV 34 FT	20	3.150	6016634

Screwed version of joint connector for mesh cable trays.
 Figure: Positioning and quantity of mesh cable tray connectors.
 50–150 mm = 2 units
 200–300 mm = 3 units
 400–450 mm = 4 units
 500–600 mm = 5 units
 Including FRS M6 x 20 bolt with flange nut.

Joint connector GSV 34

VA VA 2B

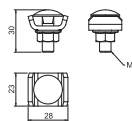


Type	Pack Piece	Weight kg/100 pc.	Item no.
GSV 34 A2	20	2.572	6016642
GSV 34 A4	20	3.000	6016648

Screwed version of joint connector for mesh cable trays.
 Figure: Positioning and quantity of mesh cable tray connectors.
 50–150 mm = 2 units
 200–300 mm = 3 units
 400–450 mm = 4 units
 500–600 mm = 5 units
 Including screw of type FRS M6 x 20.

GUV 6 joint connector

St FT



Type	Pack Piece	Weight kg/100 pc.	Item no.
GUV 6 FT	20	4.226	6016573

Joint connector for mesh cable tray, type SGR.
 Figure: Positioning and quantity of mesh cable tray connectors.
 50–150 mm = 2 units
 200–300 mm = 3 units
 400–450 mm = 4 units
 500–600 mm = 5 units
 Including FRS M8 x 25 bolt with flange nut.

VA 2B

GUV 6 joint connector

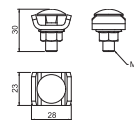
Type	Pack Piece	Weight kg/100 pc.	Item no.
GUV 6 A2	20	4.154	6016574

Joint connector for mesh cable tray, type SGR.

Figure: Positioning and quantity of mesh cable tray connectors.

- 50–150 mm = 2 units
- 200–300 mm = 3 units
- 400–450 mm = 4 units
- 500–600 mm = 5 units

Including FRS M8 x 20 bolt with flange nut.



St G

GUV 6 joint connector

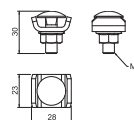
Type	Pack Piece	Weight kg/100 pc.	Item no.
GUV 6 G	20	3.945	6016572

Joint connector for mesh cable tray, type SGR.

Figure: Positioning and quantity of mesh cable tray connectors.

- 50–150 mm = 2 units
- 200–300 mm = 3 units
- 400–450 mm = 4 units
- 500–600 mm = 5 units

Including FRS M8 x 25 bolt with flange nut.



St FS DD

GRV 245 mesh cable tray connector, long

Type	Width mm	Pack Piece	Weight kg/100 pc.	Item no.
GRV 245 FS	30	20	13.500	6016680
GRV 245 DD	30	20	13.500	6016684

Long mesh cable tray connectors for screwless straight connection of mesh cable trays.

Two straight connectors, type GRV 245, are used for each connection point.

Can be used from a mesh cable tray width of 100 mm.

The FS variant is used to connect electrogalvanised mesh cable trays, the DD variant to connect hot/hot-dip galvanised mesh cable trays and the VA variant to connect stainless steel mesh cable trays.



VA 2B

GRV 245 mesh cable tray connector, long

Type	Width mm	Pack Piece	Weight kg/100 pc.	Item no.
GRV 245 A4	30	20	13.500	6016688

Long mesh cable tray connectors for screwless straight connection of mesh cable trays.

Two straight connectors, type GRV 245, are used for each connection point.

Can be used from a mesh cable tray width of 100 mm.

The FS variant is used to connect electrogalvanised mesh cable trays, the DD variant to connect hot/hot-dip galvanised mesh cable trays and the VA variant to connect stainless steel mesh cable trays.



St FT

K 11/262 side connector

Type	Pack Piece	Weight kg/100 pc.	Item no.
K 11 262 FT	25	7.500	6015107

Screwed version of joint connector for mesh cable trays.

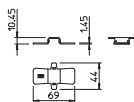
Including screw of type FRS M6 x 20.



Joint connector

GRS quick connector

St DD



Type	Pack Piece	Weight kg/100 pc.	Item no.
GRS 3.9 DD	50	2.500	6016545
GRS 4.8 DD	50	2.500	6016561

Quick connector for screwless straight connection of mesh cable trays without special tools, for mesh cable trays up to a width of 150 mm.

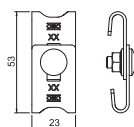
Figure: Positioning and quantity of mesh cable tray connectors.
50–150 mm = 2 units

When selecting the connector, please take the appropriate wire thickness of the mesh cable tray into account.

Corner connector

GEV 36 corner connector

St G



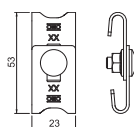
Type	Pack Piece	Weight kg/100 pc.	Item no.
GEV 36 G	20	3.040	6016715

Including FRS M6 x 12 bolt with flange nut.

Corner connector for the creation of mesh cable tray bend elements.

GEV 36 corner connector

St FT



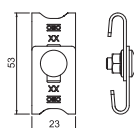
Type	Pack Piece	Weight kg/100 pc.	Item no.
GEV 36 FT	20	3.160	6016723

Including FRS M6 x 12 bolt with flange nut.

Corner connector for the creation of mesh cable tray bend elements.

GEV 36 corner connector

VA VA 2B



Type	Pack Piece	Weight kg/100 pc.	Item no.
GEV 36 A2	20	3.040	6016731
GEV 36 A4	10	3.040	6016764

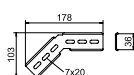
Including FRS M6 x 12 bolt with flange nut.

Corner connector for the creation of mesh cable tray bend elements.

Mounting bracket

45° mounting angle MW 45 SL10

VA 2B



Type	Pack Piece	Weight kg/100 pc.	Item no.
MW 45 SL10 A2	20	20.000	6017339

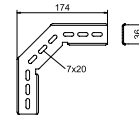
Each with two clamps of type KS 23 35.

45° installation profile, vertical, for C mesh cable tray and GR-Magic® mesh cable tray with a side height of 55 mm.

St FT

MW 90 SL 90° mounting bracket

Type	Pack Piece	Weight kg/100 pc.	Item no.
MW 90 SL17 FT	20	27.000	6017347
MW 90 SL23 FT	20	35.400	6017355

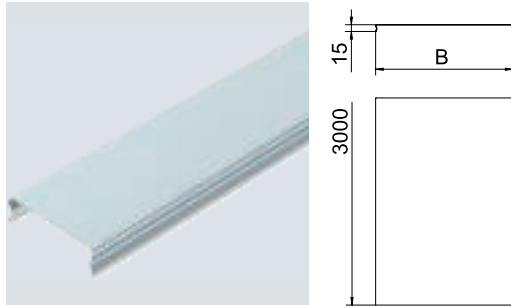


Each with two clamps of type KS 23/35.

90° installation profile, vertical, for C mesh cable tray and GR-Magic® mesh cable tray with a side height of 55 mm.

Cover for mesh cable tray, latchable

St FS



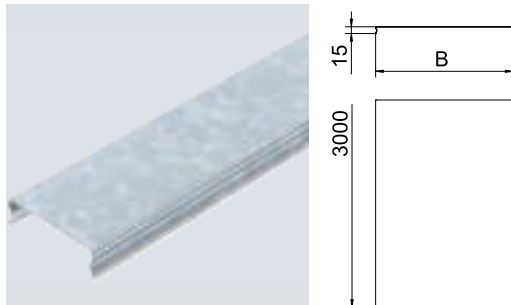
Type	Dim. B mm	Metal thickness mm	Length mm	Pack m	Weight kg/100 m	Item no.
DGRR 50 FS	50	0.75	3000	3	46.333	6001840
DGRR 100 FS	98	0.75	3000	3	73.333	6001842
DGRR 150 FS	148	0.75	3000	3	102.667	6001844
DGRR 200 FS	198	0.75	3000	3	132.333	6001846
DGRR 300 FS	298	0.75	3000	3	191.000	6001848
DGRR 400 FS	398	0.75	3000	3	250.000	6001850
DGRR 500 FS	498	0.75	3000	3	309.000	6001852
DGRR 600 FS	598	0.75	3000	3	370.000	6001854

With transverse bead from 400 mm width.

Latchable cover for mesh cable trays. Protects cables from damage, contamination and moisture from above. Suitable for interior areas without particular requirements.

Cover for mesh cable tray, latchable

St FT



Type	Dim. B mm	Metal thickness mm	Length mm	Pack m	Weight kg/100 m	Item no.
DGRR 50 FT	50	0.75	3000	3	52.333	6001820
DGRR 100 FT	98	0.75	3000	3	83.000	6001822
DGRR 150 FT	148	0.75	3000	3	116.333	6001824
DGRR 200 FT	198	0.75	3000	3	149.667	6001826
DGRR 300 FT	298	0.75	3000	3	216.333	6001828
DGRR 400 FT	398	0.75	3000	3	282.667	6001830
DGRR 500 FT	498	0.75	3000	3	349.667	6001832
DGRR 600 FT	598	0.75	3000	3	418.000	6001834

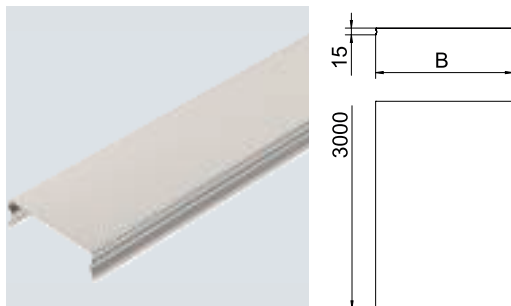
With transverse bead from 400 mm width.

Latchable cover for mesh cable trays. Protects cables from damage, contamination and moisture from above. Suitable for industrial areas such as mechanical engineering.

When using covers outdoors, additional measures against the influence of wind may need to be taken.

Cover for mesh cable tray, latchable

VA 2B

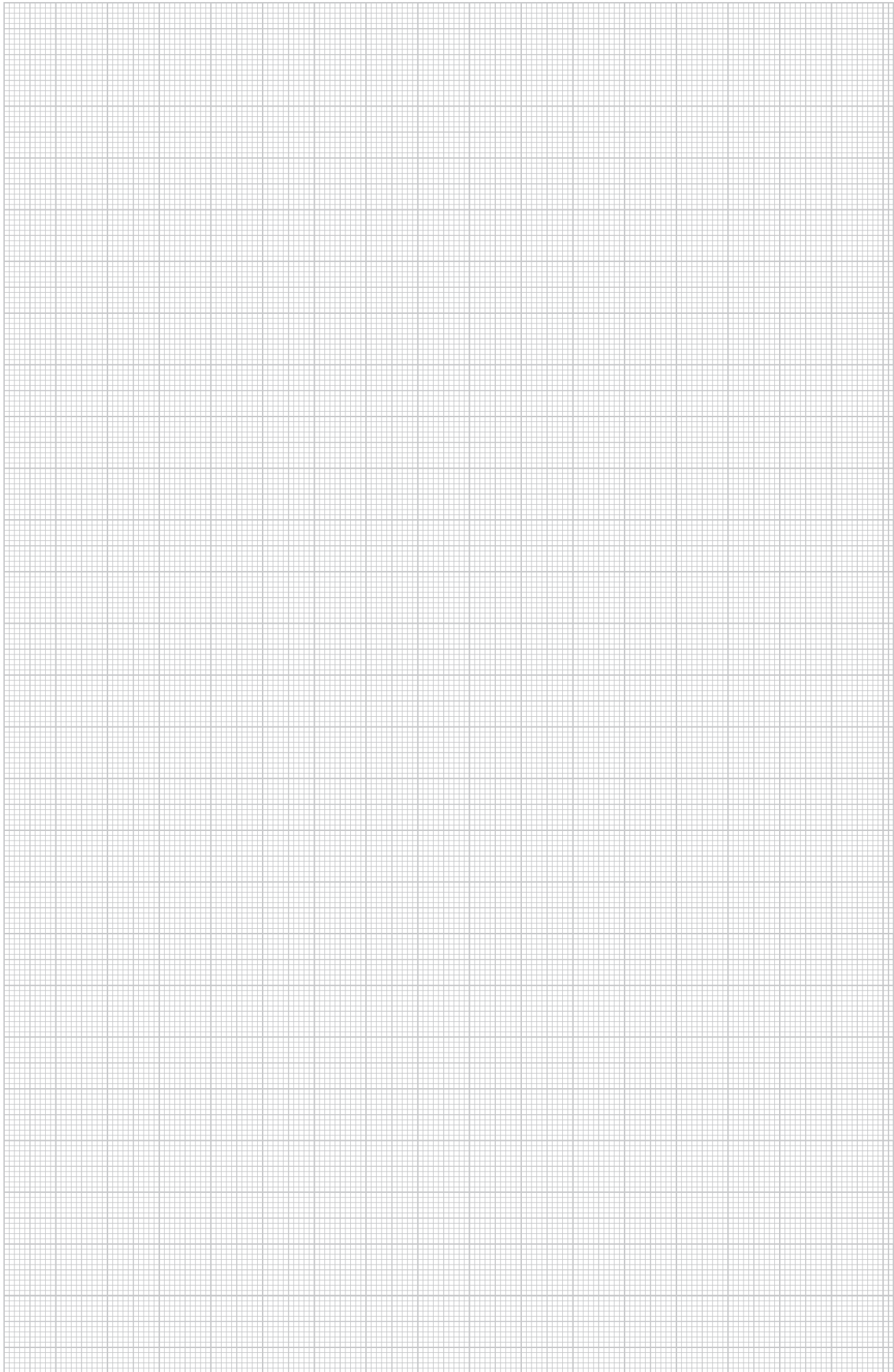


Type	Dim. B mm	Metal thickness mm	Length mm	Pack m	Weight kg/100 m	Item no.
DGRR 50 A2	50	0.80	3000	3	47.333	6001860
DGRR 100 A2	97	0.80	3000	3	78.333	6001862
DGRR 150 A2	148	0.80	3000	3	109.667	6001864
DGRR 200 A2	198	0.80	3000	3	141.000	6001866
DGRR 300 A2	298	0.80	3000	3	203.667	6001868
DGRR 400 A2	398	0.80	3000	3	266.333	6001870
DGRR 500 A2	498	0.80	3000	3	329.333	6001872
DGRR 600 A2	598	0.80	3000	3	393.333	6001874

With transverse bead from 400 mm width.

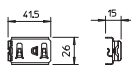
Latchable cover for mesh cable trays. Protects cables from damage, contamination and moisture from above. Suitable for the foodstuffs or chemicals industries.

When using covers outdoors, additional measures against the influence of wind may need to be taken.



Hold-down clamp for barrier strip fastening in GRM

VA 2B



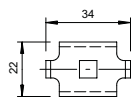
Type
KS GR A2

Pack Piece	Weight kg/100 pc.	Item no.
30	0.830	6062282

Hold-down clamp for fastening barrier strips in mesh cable trays.

GKS 34 hold-down clamp

St G



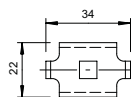
Type
GKS 34 G

Pack Piece	Weight kg/100 pc.	Item no.
20	2.188	6016855

Including FRS M6 x 20 bolt with flange nut.
Clamp for fixing mesh cable trays to wall or support brackets.

GKS 34 hold-down clamp

St FT



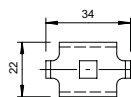
Type
GKS 34 FT

Pack Piece	Weight kg/100 pc.	Item no.
20	2.021	6016820

Including FRS M6 x 20 bolt with flange nut.
Hold-down clamp for fixing mesh cable trays to wall or support brackets.

GKS 34 hold-down clamp

VA VA 2B



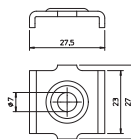
Type
GKS 34 A2
GKS 34 A4

Pack Piece	Weight kg/100 pc.	Item no.
20	2.000	6016839
10	1.976	6016859

Including FRS M6 x 20 bolt with nut and washer.
Hold-down clamp for fixing mesh cable trays to wall or support brackets.

GKB 34 hold-down clamp

St G



Type
GKB 34 G

Pack Piece	Weight kg/100 pc.	Item no.
20	1.105	6016674

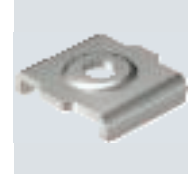
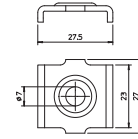
Clamp for fastening mesh cable trays of width 50 mm to the floor.

VA 2B

GKB 34 hold-down clamp

Type	Pack Piece	Weight kg/100 pc.	Item no.
GKB 34 A2	20	1.105	6016676

Clamp for fastening mesh cable trays of width 50 mm to the floor.

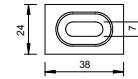


St G

GKT 38 clamping piece

Type	Pack Piece	Weight kg/100 pc.	Item no.
GKT 38 G	20	2.123	6017037

Including FRS M6 x 20 bolt with flange nut.
Clamp for fastening barrier strip in mesh cable trays.

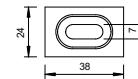


St FT

GKT 38 hold-down clamp

Type	Pack Piece	Weight kg/100 pc.	Item no.
GKT 38 FT	20	2.123	6017061

Including FRS M6 x 20 bolt with flange nut.
Clamp for fastening barrier strip in mesh cable trays.

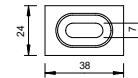


VA VA 2B

GKT 38 clamping piece

Type	Pack Piece	Weight kg/100 pc.	Item no.
GKT 38 A2	20	2.107	6017045
GKT 38 A4	10	2.200	6017092

Including FRS M6 x 20 bolt with flange nut.
Clamp for fastening barrier strip in mesh cable trays.

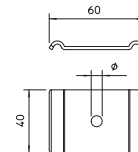


St FS FT

GKS 50 hold-down clamp

Type	Hole Ø mm	Pack Piece	Weight kg/100 pc.	Item no.
GKS 50 07 FS	7	50	3.522	6015263
GKS 50 11 FS	11	50	4.000	6015276
GKS 50 07 FT	7	50	4.100	6015271
GKS 50 11 FT	11	50	4.100	6015278

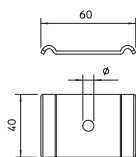
Use on mesh cable trays with 50 x 100 mm grid only.
Hold-down clamp for fastening mesh cable trays on the ground or on stand-off brackets of type DBL.



Clamping pieces

Hold-down clamp GKS 50

VA 2B

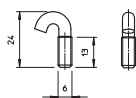
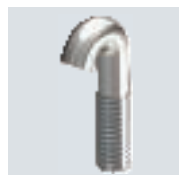


Type	Hole Ø mm	Pack Piece	Weight kg/100 pc.	Item no.
GKS 50 07 A4	7	50	4.000	6015310
GKS 50 11 A4	11	20	4.000	6015280

Use on mesh cable trays with 50 x 100 mm grid only.
Clamp for fastening mesh cable trays.

HS M6 hook screw

A2 2B

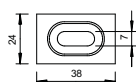
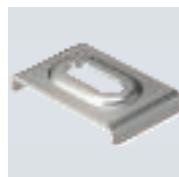


Type	Thread	Pack Piece	Weight kg/100 pc.	Item no.
HS M6x13 A2	M6	100	0.573	1154990

Hook screw for fastening cable tracks on the bracket.

Hold-down clamp GKB 38

VA 2B



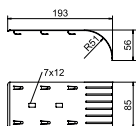
Type	Pack Piece	Weight kg/100 pc.	Item no.
GKB 38 A2	20	1.061	6017018

Hold-down clamp for floor fastening of mesh cable trays.

Cable exit plate

Exit plate

St FS FT

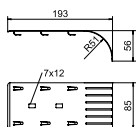


Type	Pack Piece	Weight kg/100 pc.	Item no.
KAB GR FS	10	14.100	6220139
KAB GR FT	10	14.100	6220142

The exit plate allows compliance with specific bend radii, thus preventing possible cable breaks. Can be mounted in a lengthwise direction and at the side, can be arranged for greater widths.

Exit plate

VA 2B



Type	Pack Piece	Weight kg/100 pc.	Item no.
KAB GR A2	10	14.100	6220145

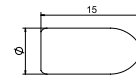
The exit plate allows compliance with specific bend radii, thus preventing possible cable breaks. Can be mounted in a lengthwise direction and at the side, can be arranged for greater widths.

PVC

End cap

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GR KS 3.9 OR	Pure orange	500	0.045	6003750
GR KS 4.8 OR	Pure orange	500	0.030	6003754

End cap to cover cut wire ends of mesh cable trays.

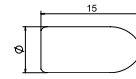


PVC

End cap

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
SGR KS OR	Pure orange	500	0.036	6003758

End cap to cover cut wire ends of mesh cable trays.



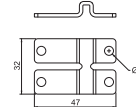
Wall and floor fastener

St FT

Wall clamp and central hanger

Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
WB GR FT	For wire thickness 6.0 mm	20	2.540	6017160

Fastening component for direct mounting of mesh cable trays to the wall and floor. Can be screwed or riveted on.

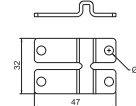


VA 2B

Wall clamp and central hanger

Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
WB GR A4	For wire thickness 6.0 mm	20	2.423	6017164

Fastening component for direct mounting of mesh cable trays to the wall and floor. Can be screwed or riveted on.



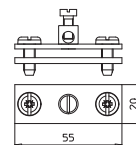
Equipotential bonding and earthing

St G

Earthing terminal for cables and flat conductors

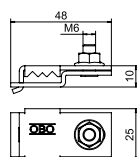
Type	Shipping box Piece	Pack Piece	Weight kg/100 pc.	Item no.
939	150	25	5.932	5043107

- For cables to 16 mm² and flat conductors
- Fit: cable to 16 mm² x max. FL 30
- With riveted brass connection terminal and one cylinder bolt, M5 x 12, with two cylinder bolts, M6 x 16



Grounding clamp

St FS



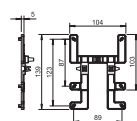
Type	Pack Piece	Weight kg/100 pc.	Item no.
VEK-GRM 3.9 FS	25	3.850	6016694
VEK-GRM 4.8 FS	25	3.800	6016696

The connection and earthing terminal is used to reduce electrical resistance and therefore improves the electric conductivity in GRM mesh cable systems in the area of the joint. This allows fulfilment of the high demands in terms of the transition resistance according to, for example, NEMA and CSA. Furthermore, the connection and earthing terminal is compulsory when used as a protective conductor in a mesh cable tray system (national regulations have to be followed when creating such a system).

Mounting elements, junction box

Fastening element for mesh cable tray

PC

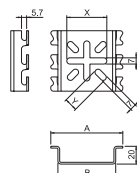
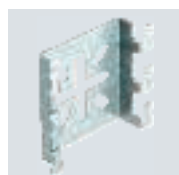


Type	Pack Piece	Weight kg/100 pc.	Item no.
BE TS GR	10	2.300	2007833

The fastening element BE TS GR can be used to attach OBO junction boxes, type T60 and T100, to mesh cable trays quickly and in a few actions. This keeps the junction box securely in position. However, it can be quickly dismantled as necessary.

Mounting plate for mesh cable tray

St FT
35 55 105

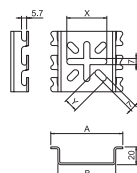


Type	Pack Piece	Weight kg/100 pc.	Item no.
MPG 65 FT	30	9.100	6006486
MPG 90 FT	30	16.800	6006487

Mounting plate for screwless wall fastening of mesh cable trays.

Mounting plate for mesh cable tray

VA 2B



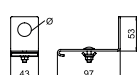
Type	Pack Piece	Weight kg/100 pc.	Item no.
MPG 65 A4	30	8.800	6006488
MPG 90 A4	30	16.100	6006489

Accessories can be fastened to the mounting plate. In addition, the plate can be used for wall brackets. Mounting plate for screwless wall fastening of mesh cable trays.

Side holder

Side holder for cable gland

St FS



Type	Hole Ø mm	Pack Piece	Weight kg/100 pc.	Item no.
SH KAB 20 FS	20	10	15.000	6015425
SH KAB 25 FS	25	10	14.700	6015433

Conduit take-off bracket with punched hole for accepting cable glands.

St

Bolt cutter

Type	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
GR BS	–	1	85.000	6017698

Bolt cutter for cutting mesh cable trays.



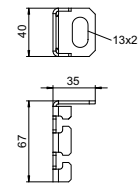
Connection component

St FT

Connection component

Type	Pack Piece	Weight kg/100 pc.	Item no.
ABG FT	20	8.500	6015345

Seat for threaded rod on mesh cable tray.



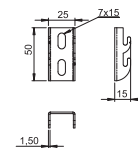
Hook rails for G mesh cable tray

St FS

Hook rail for G mesh cable tray

Type	Length mm	Width mm	Side height mm	Pack Piece	Weight kg/100 pc.	Item no.
G-GRM-R50 FS	50	25	15	25	2.300	6005605

Hook rail for wall mounting of G mesh cable trays

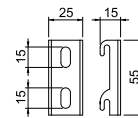


VA 2B

Hook rail for G mesh cable tray

Type	Length mm	Width mm	Side height mm	Pack Piece	Weight kg/100 pc.	Item no.
G-GRM-R50 A2	50	25	15	25	2.300	6005635

Hook rail for wall mounting of G mesh cable trays

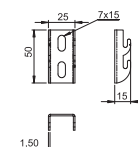


St FS

Hook rail for G mesh cable tray

Type	Length mm	Width mm	Side height mm	Pack Piece	Weight kg/100 pc.	Item no.
G-GRM-R75 FS	55	25	15	25	2.400	6005607

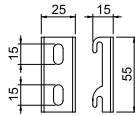
Hook rail for wall mounting of G mesh cable trays



Hook rails for G mesh cable tray

Hook rail for G mesh cable tray

VA 2B

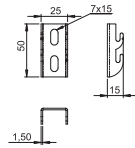


Type	Length mm	Width mm	Side height mm	Pack	Weight	Item no.
				Piece	kg/100 pc.	
G-GRM-R75 A2	55	25	15	25	2.400	6005637

Hook rail for wall mounting of G mesh cable trays

Hook rail for G mesh cable tray

St FS

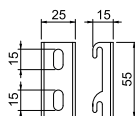


Type	Length mm	Width mm	Side height mm	Pack	Weight	Item no.
				Piece	kg/100 pc.	
G-GRM-R125 FS	105	25	15	25	4.600	6005612

Hook rail for wall mounting of G mesh cable trays

Hook rail for G mesh cable tray

VA 2B

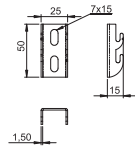


Type	Length mm	Width mm	Side height mm	Pack	Weight	Item no.
				Piece	kg/100 pc.	
G-GRM-R125 A2	105	25	15	25	4.600	6005642

Hook rail for wall mounting of G mesh cable trays

Hook rail for G mesh cable tray

St FS

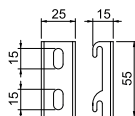


Type	Length mm	Width mm	Side height mm	Pack	Weight	Item no.
				Piece	kg/100 pc.	
G-GRM-R150 FS	110	25	15	25	4.800	6005615

Hook rail for wall mounting of G mesh cable trays

Hook rail for G mesh cable tray

VA 2B



Type	Length mm	Width mm	Side height mm	Pack	Weight	Item no.
				Piece	kg/100 pc.	
G-GRM-R150 A2	110	25	15	25	4.800	6005645

Hook rail for wall mounting of G mesh cable trays

PP

Mesh cable tray adapter for roof conductor holder, type 165 MBG 8-10

Type	Item no.
165 MBG HGRM	5218886



PA/PE

Roof conductor holder for flat roofs, with increased base section

Type	Fit mm	Pack Piece	Weight kg/100 pc.	Item no.
165 MBG-8-10 200	Rd 8-10	12	100.000	5218716

- DIN 48829 Form B 1
- Closed form with bottom
- With double conductor holder
- Filling weight 1 kg (frost-resistant concrete)
- Sleeve from polyethylene, black, bottom polypropylene, black
- With larger bottom section (Ø 200 mm) for improved stability

