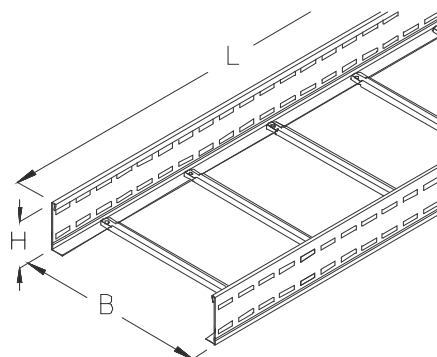


## LG 100

Cable ladder, height=100 mm



Cable ladder with continuously perforated side beams riveted rungs made of C-profile certified including electrical conductivity according to DIN EN 61537.

The value P<sub>max</sub> applies when the ladder is used as vertical ladder.



### Continuously hot galvanized (Sendzimir process) (DIN EN 10346)

| Produkt      | H      | B      | L       | t       | A                   | Q <sub>LK</sub> | P <sub>max</sub> | G        |
|--------------|--------|--------|---------|---------|---------------------|-----------------|------------------|----------|
| LG 100-10-3S | 100 mm | 100 mm | 3000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m       | 1,00 kN          | 10,30 kg |
| LG 100-20-3S | 100 mm | 200 mm | 3000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m       | 1,00 kN          | 10,70 kg |
| LG 100-30-3S | 100 mm | 300 mm | 3000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m       | 1,00 kN          | 11,20 kg |
| LG 100-40-3S | 100 mm | 400 mm | 3000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m       | 1,00 kN          | 11,60 kg |
| LG 100-50-3S | 100 mm | 500 mm | 3000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m       | 1,00 kN          | 12,00 kg |
| LG 100-60-3S | 100 mm | 600 mm | 3000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m       | 1,00 kN          | 12,50 kg |
| LG 100-10S   | 100 mm | 100 mm | 6000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m       | 1,00 kN          | 20,50 kg |
| LG 100-20S   | 100 mm | 200 mm | 6000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m       | 1,00 kN          | 21,40 kg |
| LG 100-30S   | 100 mm | 300 mm | 6000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m       | 1,00 kN          | 22,30 kg |
| LG 100-40S   | 100 mm | 400 mm | 6000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m       | 1,00 kN          | 23,10 kg |
| LG 100-50S   | 100 mm | 500 mm | 6000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m       | 1,00 kN          | 24,00 kg |
| LG 100-60S   | 100 mm | 600 mm | 6000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m       | 1,00 kN          | 24,90 kg |

### Hot-dip galvanized, according to BS 729 (DIN EN ISO 1461)

| Produkt      | H      | B      | L       | t       | A                   | Q <sub>LK</sub> | P <sub>max</sub> | G        |
|--------------|--------|--------|---------|---------|---------------------|-----------------|------------------|----------|
| LG 100-10-3F | 100 mm | 100 mm | 3000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m       | 1,00 kN          | 11,20 kg |
| LG 100-20-3F | 100 mm | 200 mm | 3000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m       | 1,00 kN          | 11,70 kg |
| LG 100-30-3F | 100 mm | 300 mm | 3000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m       | 1,00 kN          | 12,20 kg |





| Produkt      | H      | B      | L       | t       | A                   | $Q_{LK}$  | $P_{max}$ | G        |
|--------------|--------|--------|---------|---------|---------------------|-----------|-----------|----------|
| LG 100-40-3F | 100 mm | 400 mm | 3000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m | 1,00 kN   | 12,60 kg |
| LG 100-50-3F | 100 mm | 500 mm | 3000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m | 1,00 kN   | 13,10 kg |
| LG 100-60-3F | 100 mm | 600 mm | 3000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m | 1,00 kN   | 13,60 kg |
| LG 100-10F   | 100 mm | 100 mm | 6000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m | 1,00 kN   | 22,30 kg |
| LG 100-20F   | 100 mm | 200 mm | 6000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m | 1,00 kN   | 23,30 kg |
| LG 100-30F   | 100 mm | 300 mm | 6000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m | 1,00 kN   | 24,30 kg |
| LG 100-40F   | 100 mm | 400 mm | 6000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m | 1,00 kN   | 25,10 kg |
| LG 100-50F   | 100 mm | 500 mm | 6000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m | 1,00 kN   | 26,10 kg |
| LG 100-60F   | 100 mm | 600 mm | 6000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m | 1,00 kN   | 27,10 kg |

## Stainless steel, according to ASTM 304 / BS 304 S 3

| Produkt      | H      | B      | L       | t       | A                   | $Q_{LK}$  | $P_{max}$ | G        |
|--------------|--------|--------|---------|---------|---------------------|-----------|-----------|----------|
| LG 100-10-3E | 100 mm | 100 mm | 3000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m | 1,00 kN   | 10,30 kg |
| LG 100-20-3E | 100 mm | 200 mm | 3000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m | 1,00 kN   | 10,70 kg |
| LG 100-30-3E | 100 mm | 300 mm | 3000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m | 1,00 kN   | 11,20 kg |
| LG 100-40-3E | 100 mm | 400 mm | 3000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m | 1,00 kN   | 11,60 kg |
| LG 100-50-3E | 100 mm | 500 mm | 3000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m | 1,00 kN   | 12,00 kg |
| LG 100-60-3E | 100 mm | 600 mm | 3000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m | 1,00 kN   | 12,50 kg |
| LG 100-10E   | 100 mm | 100 mm | 6000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m | 1,00 kN   | 20,50 kg |
| LG 100-20E   | 100 mm | 200 mm | 6000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m | 1,00 kN   | 21,40 kg |
| LG 100-30E   | 100 mm | 300 mm | 6000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m | 1,00 kN   | 22,30 kg |
| LG 100-40E   | 100 mm | 400 mm | 6000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m | 1,00 kN   | 23,10 kg |
| LG 100-50E   | 100 mm | 500 mm | 6000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m | 1,00 kN   | 24,00 kg |
| LG 100-60E   | 100 mm | 600 mm | 6000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m | 1,00 kN   | 24,90 kg |



## Stainless steel, material no. 1.4571 (ANSI 316 Ti) / 1.4404 (ANSI 316 L)

| Produkt       | H      | B      | L       | t       | A                   | $Q_{Lk}$  | $P_{max}$ | G        |
|---------------|--------|--------|---------|---------|---------------------|-----------|-----------|----------|
| LG 100-10-3E4 | 100 mm | 100 mm | 3000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m | 1,00 kN   | 10,30 kg |
| LG 100-20-3E4 | 100 mm | 200 mm | 3000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m | 1,00 kN   | 10,70 kg |
| LG 100-30-3E4 | 100 mm | 300 mm | 3000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m | 1,00 kN   | 11,20 kg |
| LG 100-40-3E4 | 100 mm | 400 mm | 3000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m | 1,00 kN   | 11,60 kg |
| LG 100-50-3E4 | 100 mm | 500 mm | 3000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m | 1,00 kN   | 12,00 kg |
| LG 100-60-3E4 | 100 mm | 600 mm | 3000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m | 1,00 kN   | 12,50 kg |
| LG 100-10E4   | 100 mm | 100 mm | 6000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m | 1,00 kN   | 20,50 kg |
| LG 100-20E4   | 100 mm | 200 mm | 6000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m | 1,00 kN   | 21,40 kg |
| LG 100-30E4   | 100 mm | 300 mm | 6000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m | 1,00 kN   | 22,30 kg |
| LG 100-40E4   | 100 mm | 400 mm | 6000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m | 1,00 kN   | 23,10 kg |
| LG 100-50E4   | 100 mm | 500 mm | 6000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m | 1,00 kN   | 24,00 kg |
| LG 100-60E4   | 100 mm | 600 mm | 6000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m | 1,00 kN   | 24,90 kg |

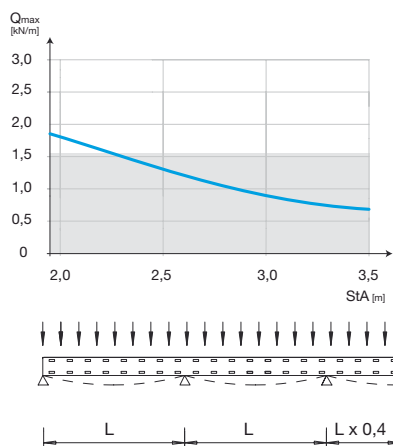
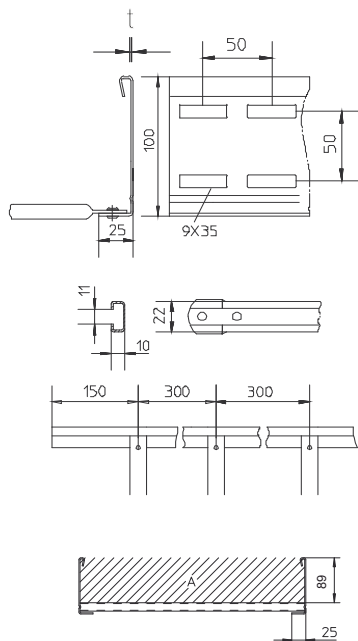
## Coating Magnelis®, according to DIN EN 10346

| Produkt       | H      | B      | L       | t       | A                   | $Q_{Lk}$  | $P_{max}$ | G        |
|---------------|--------|--------|---------|---------|---------------------|-----------|-----------|----------|
| LG 100-10-3ZM | 100 mm | 100 mm | 3000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m | 1,00 kN   | 10,30 kg |
| LG 100-20-3ZM | 100 mm | 200 mm | 3000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m | 1,00 kN   | 10,70 kg |
| LG 100-30-3ZM | 100 mm | 300 mm | 3000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m | 1,00 kN   | 11,20 kg |
| LG 100-40-3ZM | 100 mm | 400 mm | 3000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m | 1,00 kN   | 11,60 kg |
| LG 100-50-3ZM | 100 mm | 500 mm | 3000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m | 1,00 kN   | 12,00 kg |
| LG 100-60-3ZM | 100 mm | 600 mm | 3000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m | 1,00 kN   | 12,50 kg |
| LG 100-10ZM   | 100 mm | 100 mm | 6000 mm | 1,50 mm | 90 cm <sup>2</sup>  | 0,25 kN/m | 1,00 kN   | 20,50 kg |
| LG 100-20ZM   | 100 mm | 200 mm | 6000 mm | 1,50 mm | 183 cm <sup>2</sup> | 0,51 kN/m | 1,00 kN   | 21,40 kg |
| LG 100-30ZM   | 100 mm | 300 mm | 6000 mm | 1,50 mm | 275 cm <sup>2</sup> | 0,77 kN/m | 1,00 kN   | 22,30 kg |
| LG 100-40ZM   | 100 mm | 400 mm | 6000 mm | 1,50 mm | 368 cm <sup>2</sup> | 1,03 kN/m | 1,00 kN   | 23,10 kg |
| LG 100-50ZM   | 100 mm | 500 mm | 6000 mm | 1,50 mm | 460 cm <sup>2</sup> | 1,29 kN/m | 1,00 kN   | 24,00 kg |
| LG 100-60ZM   | 100 mm | 600 mm | 6000 mm | 1,50 mm | 553 cm <sup>2</sup> | 1,55 kN/m | 1,00 kN   | 24,90 kg |



**H** : Height  
**B** : Width  
**L** : Length  
**A** : Cross section area  
**Q<sub>LK</sub>** : Distributed load power cable  
**P<sub>max</sub>** : Maximum load  
**G** : Weight

## DETAILS / APPLICATIONS



## OPTIONAL ACCESSORIES

SL 100, LGV 100, LGVH 100, LGW 100, LIB 100, LAB 100, LVB 100, LA 100, LK 100, LTR 100, KLU, B, HB, KAB



Do not walk upon!

