

# Technical data sheet

## Wall and support bracket AWG 15 FT

Item number: 6420614



Light-duty wall and support bracket with welded head plate for screwless mesh cable tray fastening.  
Fastening of the bracket to the U support of width 400 mm or greater using a hexagonal bolt through both sides of the support. Please insert suitable spacers.



|    |                    |
|----|--------------------|
| St | Steel              |
| FT | Hot-dip galvanised |

### Master data

|                     |                          |
|---------------------|--------------------------|
| Item number         | 6420614                  |
| Description 1       | Wall and support bracket |
| Description 2       | for mesh cable tray      |
| Manufacturer        | OBO                      |
| Dimension           | B510mm                   |
| Colour              | zinc                     |
| Material            | Steel                    |
| Surface             | Hot-dip galvanised       |
| Surface standard    | DIN EN ISO 1461          |
| Smallest sales unit | 1                        |
| Unit of quantity    | Piece                    |
| Weight              | 69 kg                    |
| Weight unit         | kg/100 pc.               |

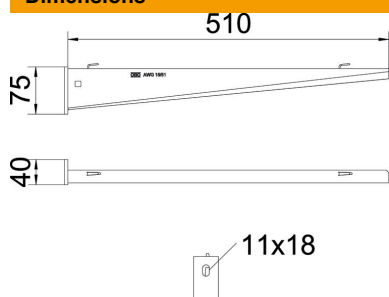
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### Dimensions

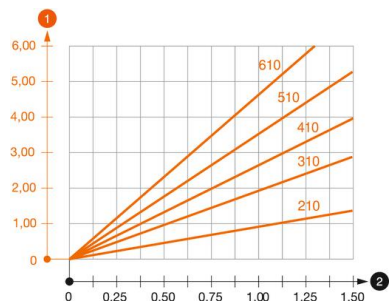


|             |        |
|-------------|--------|
| Length      | 40 mm  |
| Width       | 510 mm |
| Height      | 75 mm  |
| Dimension A | 40 mm  |
| Dimension B | 510 mm |
| Dimension H | 75 mm  |

### Technical data

|                               |                          |
|-------------------------------|--------------------------|
| Version for                   | Wall and support bracket |
| F in kN                       | 1.5 kN                   |
| Maintain electrical functions | no                       |
| for width max.                | 500 mm                   |
| for width min.                | 500                      |
| Hole diameter                 | 11 mm                    |
| Rustproof steel, pickled      | no                       |
| Angle range, max.             | 90 mm                    |
| Angle range, min.             | 90 mm                    |

### Loads



#### Load diagram, bracket type AWG 15

- 1 Bending of the bracket tip at permitted bracket load
- 2 Permitted bracket load in kN without man load
- Load curve with bracket lengths in mm

### Characteristic anchor load values for wall and support bracket AWG 15

| Bracket load | Max. total load F in kN |      |      |      |      |      |      |
|--------------|-------------------------|------|------|------|------|------|------|
|              | Bracket length in mm    |      |      |      |      |      |      |
| F kN         | 100                     | 150  | 200  | 300  | 400  | 500  | 600  |
| 2.4          | 0.73                    | 0.65 | 0.61 | 0.49 | 0.44 | 0.41 | 0.38 |
| 4.3          | 1.31                    | 1.16 | 1.08 | 0.88 | 0.78 | 0.73 | 0.66 |

Die angegebenen Werte basieren auf gerissenem Beton der Festigkeitsklasse C20/25. Die Einbaubedingungen der ETA-Zulassung (Dübel) sind zu beachten!

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### Load values for AWG 15 on support

| Support          | Max. total load F in kN |     |     |     |
|------------------|-------------------------|-----|-----|-----|
|                  | Bracket length in mm    |     |     |     |
|                  | 100                     | 200 | 300 | 400 |
| US 3 K/ 20 - 60  | 1.5                     | 1.5 | 1.3 | 1.3 |
| US 3 K/ 70 - 120 | 1.5                     | 1.5 | 1.3 | 1.3 |
| US 5 K/ 20 - 60  | 1.5                     | 1.5 | 1.5 | 1.5 |
| US 5 K/ 70 - 120 | 1.5                     | 1.5 | 1.4 | 1.5 |