
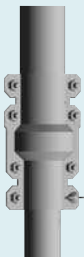


## Telescopic masts

| Type  | SCHIMA 48/500   | SCHIMA 60/601   |
|---|---|---|
| Order No.   | 910 820-101   | 910 818-101   |
|   |  |  |
| <b>Product Data</b>                               |   |   |
| Total length                                      | 4.8 m   | 5.8 m   |
| Pipe diameter/ wall thickness, inner pipe         | 40 / 2.0 mm   | 48 / 2.0 mm   |
| Pipe diameter/ wall thickness, outer pipe         | 48 / 2.0 mm   | 60 / 2.5 mm   |
| Number of cable inlets                            | 4   | 5   |
| Weight  | 11.3 kg   | 18.4 kg   |
| Length when delivered                             | 2.6 m   | 3.1 m   |
| <b>Load carrying capacity of telescopic masts</b> |   |   |
| Total length $L_g$                                | 4.8 m   | 5.8 m   |
| Clamped length $L_e=1/6 L_g$                      | 0.80 m  | 0.95 m  |
| Max. perm. bend. moment outer pipe $M_g$          | 1055 Nm   | 1650 (2058) Nm <sup>1)</sup>  |
| <b>Antennas up to 20 m above ground</b>           |   |   |
| Usable bending moment $M_n$                       | 723 Nm  | 1041 (1449) Nm <sup>1)</sup>  |
| Intrinsic moment of mast $M_s$                    | 332 Nm  | 609 Nm  |
| <b>Antennas over 20 m above ground</b>            |   |   |
| Usable bending moment $M_n$                       | 599 Nm  | 813 (1221) Nm <sup>1)</sup>   |
| Intrinsic moment of mast $M_s$                    | 456 Nm  | 837 Nm  |

- Two parts
- Stop prevents inner pipe from being pulled out
- Quick inner pipe fastening with wing nut
- Rubber sleeves supplied
- Hot-dip galvanized with Sendzimer method (SCHIMA 60/601 hot-dip galvanized only)
- EN 50083-1

**Notes:**

This means at a minimum clamping length of 1/6 of the total pipe length:

$M_n$  = Maximum bending moment at the top clamping point which can be used for the antennas to be mounted

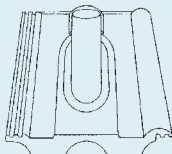
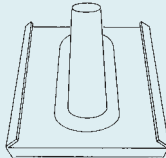
$M_s$  = Intrinsic moment of the mast at the top clamping point

$M_g$  = Maximum permissible bending moment of the mast.

**SCHIMA 60/601**

<sup>1)</sup> The value given in parentheses may only be used if the parts of the building which will bear the antenna structure have been calculated to be strong enough.

## Mast roof entry plates

| Type                  | DAB 50-6  | DAB 52-3 N  |
|-----------------------|---|---|
| Order No.             | 601 113-100   | 601 131-101   |
|                       |  |  |
| <b>Technical data</b> |   |   |
| For pipe-diameter     | up to 60 mm   | up to 60 mm   |
| Material              | Weather-resistant black plastic   | Zinc plate prop, lead sheet plate   |
| Suitable for          | Pantile "Frankfurt Style"   | Universal   |
| Dimensions            | 410 x 330 mm, 2 mm thick  | 400 x 300 mm, prop 0.6 mm thick, plate 0.8 mm thick                                 |

- Roof covers for pitched roof from 5° to 50°
- Please order additional seal collar