

Antenna masts series STM is the family of lightweight manportable/manpack sectionalized tubular masts intended for use with lightweight antennas. Mast sections are made of composite material (fiberglass) with aluminium joints and painted with the 2 component UV resistant PU paint. All ground mounting accessories are included in the strong canvas carrying bag. Various options (section length, number of sections, no. of guying levels, no. of guys, etc.) are available on request.

TYPE NAME LEGEND:

STM-x.x/y-dd-m:

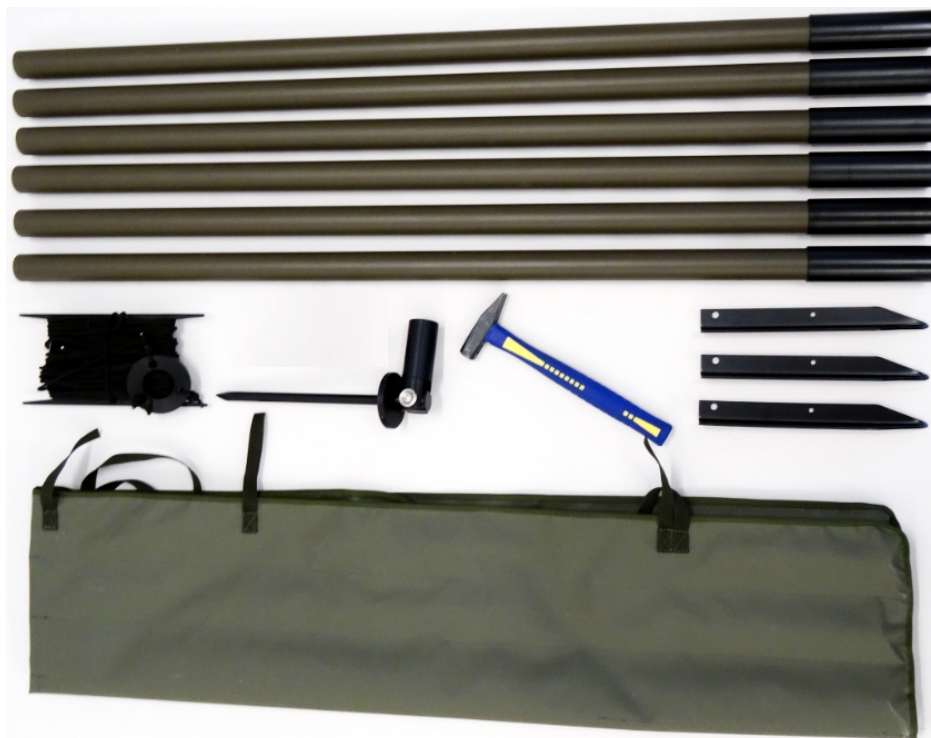
x.x = height in meters

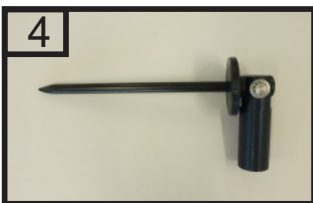
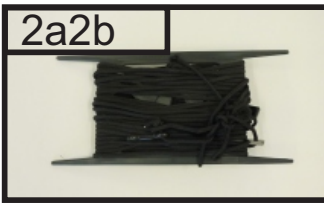
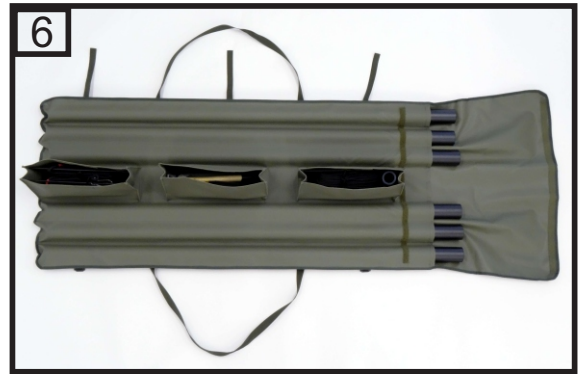
y = number of sections

dd = length of the section in centimeters

m = number of guying anchors

| | STM-3/5-60 | STM-5/4-123 | STM-6/5-123-4 | STM-7/6-123 | STM-8.6/7-123-4 |
|-----------------------------|-----------------|------------------|------------------|------------------|------------------|
| Height erected (m) | 3 | 5 | 6.2 | 7.4 | 8.6 |
| Mast Weight (kg) | | | | | |
| - steel anchors | 8.0 | 8.8 | 10.8 | 11.2 | 12.7 |
| - aluminium anchors | 7.2 | 8.0 | 9.6 | 10.4 | 11.5 |
| Max. top load (kg) | 10 | 10 | 10 | 8 | 8 |
| No. of sections | 5 | 4 | 5 | 6 | 7 |
| Section diameter (mm) | 43 | 43 | 43 | 43 | 43 |
| Section wall thickness (mm) | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 |
| Section weight (kg) | 0.5 | 0.9 | 0.9 | 0.9 | 0.9 |
| Section length (m) | 0.6 | 1.23 | 1.23 | 1.23 | 1.23 |
| No. of guying levels | 1 | 1 | 2 | 2 | 2 |
| No. of guys | 3 | 3 | 4 | 3 | 4 |
| Mounting area diameter (m) | 3 | 6 | 6 | 6 | 8 |
| Mounting time | 1 pers./5 min. | 1 pers./5 min. | 2 pers./5 min. | 2 pers./8 min. | 2 pers./10 min. |
| Carrying bag size (mm) | 700 x 170 x 160 | 1300 x 200 x 200 | 1300 x 200 x 200 | 1300 x 200 x 200 | 1300 x 200 x 200 |
| Temperature range (oC) | -55... +70°C | -55... +70°C | -55... +70°C | -55... +70°C | -55... +70°C |





| Part | Part name | Qty. |
|------|--|--------|
| 1 | Mast section | 5 |
| 2a | Guying ropes RED on reel | 4 |
| 2b | Guying ropes BLUE on reel | 4 |
| 3 | Guying anchor (made of steel or aluminium) | 3 or 4 |
| 4 | Base anchor with swivel | 1 |
| 5 | Hammer | 1 |
| 6 | Canvas bag | 1 |

STM mast in vertical position

