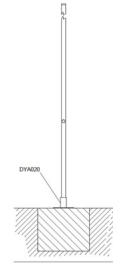




LSI LASTEM DYA005 Weather Masts



LSI LASTEM DYA005 Weather Masts Installation Guide

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LSI LASTEM DYA005 Weather Masts



Product Usage Instructions

Installation on Ground or Concrete Plinth

1. Choose the appropriate mast height based on your installation needs.
2. If installing on the ground, use the DYA021 tripod. For a concrete plinth, use the DYA020 tripod.
3. Ensure proper grounding electric protection during installation.
4. Consider using tie-rods for added stability, especially for 3m high masts.

Accessories and Additional Fixing

Refer to the complete range of accessories for fixation on concrete, soil, and walls. Some additional accessories include:

- DYA019 – Joint for mast connection (use with tie-rods set)
- DYA002 – Arm for mast installation on walls
- DYA028 – Set of 3 tie-rods and collar for fixing H 2-3m pole
- DYA026 – Pickets set for tie-rods

Frequently Asked Questions (FAQ)

Q: Can these masts support solar panels?

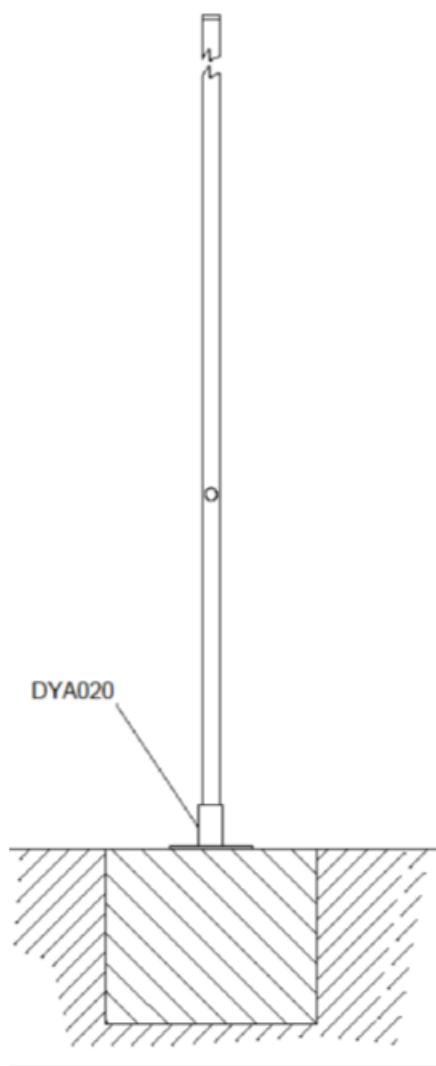
A: Yes, these masts are suitable for the installation of solar panels along with meteorological equipment and

sensors.

H 2...3 meter masts for sensors and data logger installation

- AISI304 stainless steel structure
- Complete range of accessories for fixation on concrete, soil and lateral side of walls
- H 2 and H 3 m models

These masts are suitable for ground, concrete plinth or wall installation. It can be useful for the installation of meteorological equipment (sensors, ELF box for data logger) and solar panels. All masts are equipped with grounding electric protection. When the mast is fixed on the ground, by a DYA021 tripod, it is always better to use tie-rods. When the DYA020 tripod is used on a concrete plinth, it is possible to use tie rods, especially when the mast is three meters high.



Technical Specifications

| | | | |
|--------|--------|----------|----------|
| PN | DYA005 | DYA006.1 | DYA010.1 |
| Height | 1 m | 2 m | 3 m |
| Weight | 1.9 Kg | 3.8 Kg | 5.5 Kg |

Common Technical Specifications

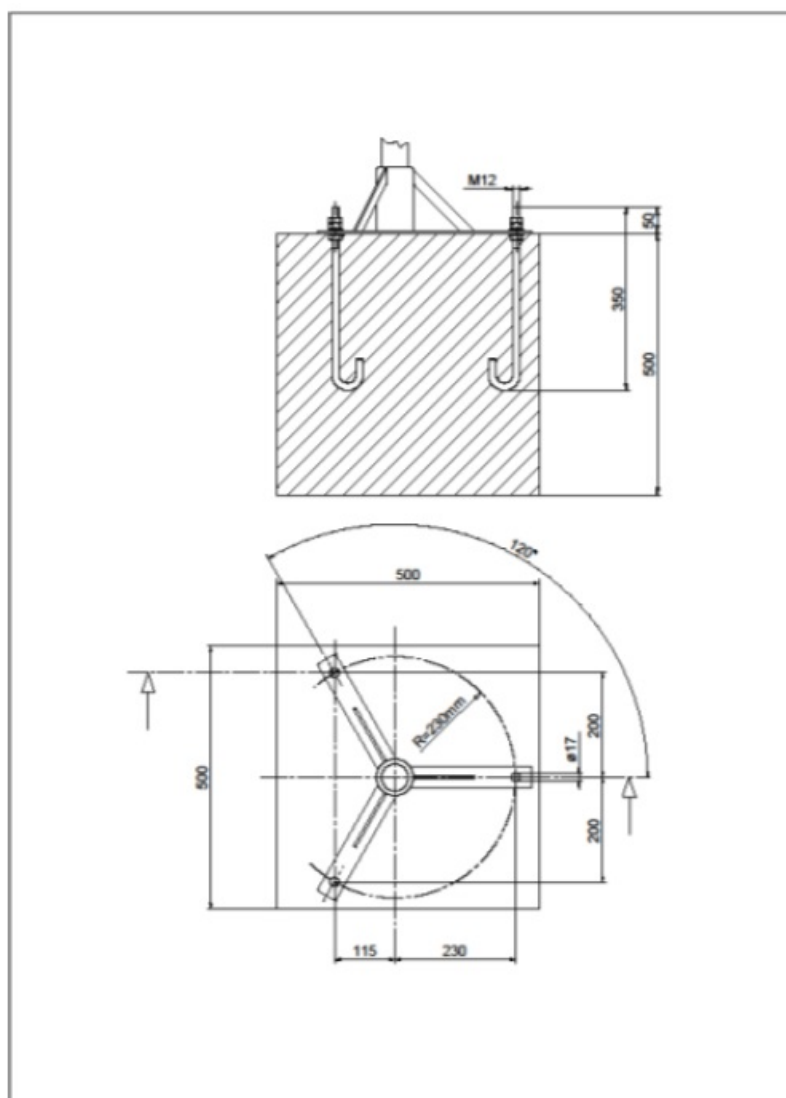
| | |
|----------------|---|
| Use | Support for wind sensors, other sensors mounted on arms and data logger |
| Diameter | Ext. 50 mm int. 47 mm |
| Material | Stainless steel AISI304 |
| Fixing surface | On ground, concrete plinth, wall (see ACCESSORIES) |

Accessories

| | |
|------------------------|---|
| Installation on plinth | |
| DYA020 | Tripod for masts Ø 50 mm concrete plinth installation. Weight: 3.25 kg |
| DYA020.1 | Set of N.3 anchoring bolts, Ø 12mm for fixing tripods DYA020 on cement plinth. Weight: 1.3 kg |
| Installation on ground | |
| DYA021 | Tripod for masts Ø 50 mm ground installation |
| DYA023 | Set of N.3 pickets for DYA021 |

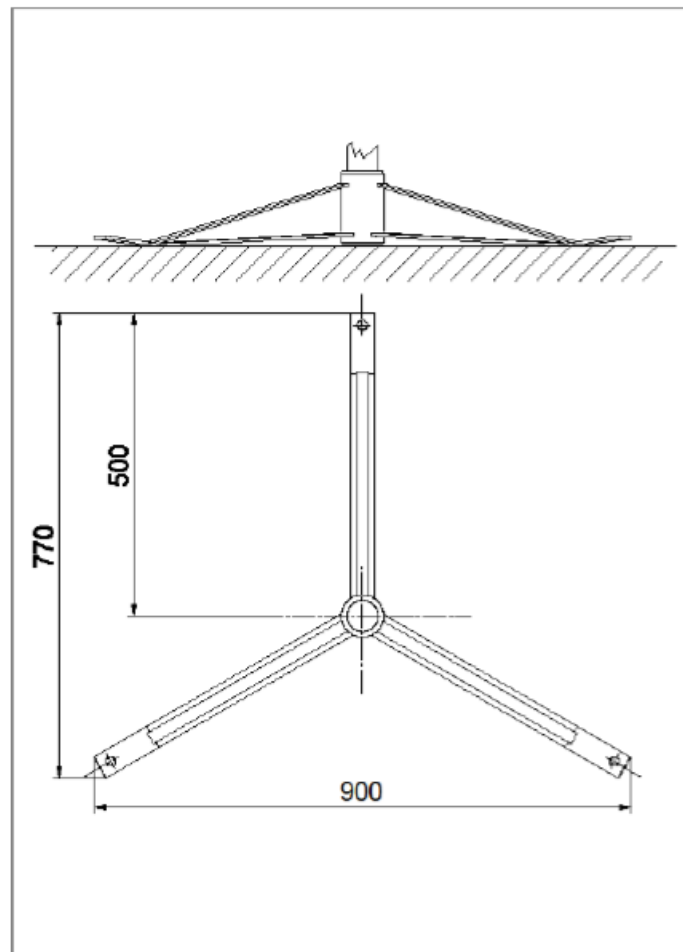
DYA020

Tripod for Ø 50 mm pole on concrete plinth



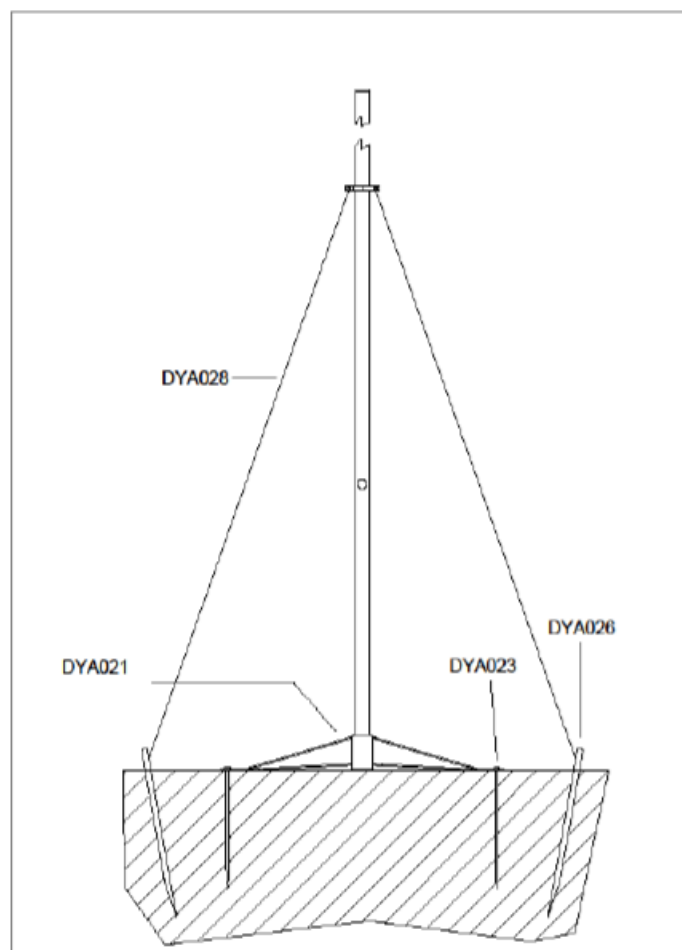
DYA021

Tripod for Ø 50 mm pole on ground



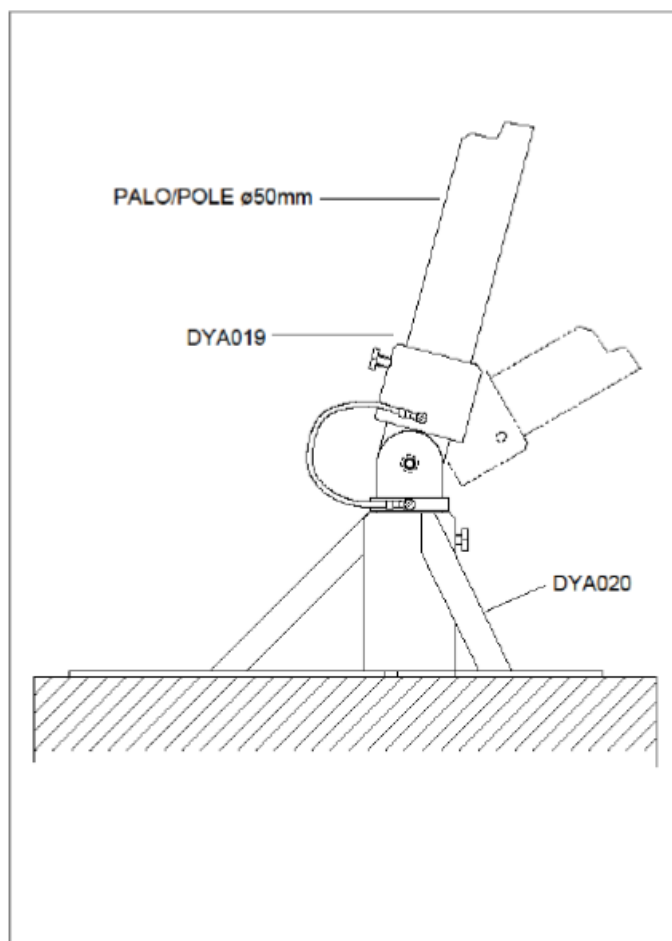
DYA023

Ground pickets for DYA021 tripod



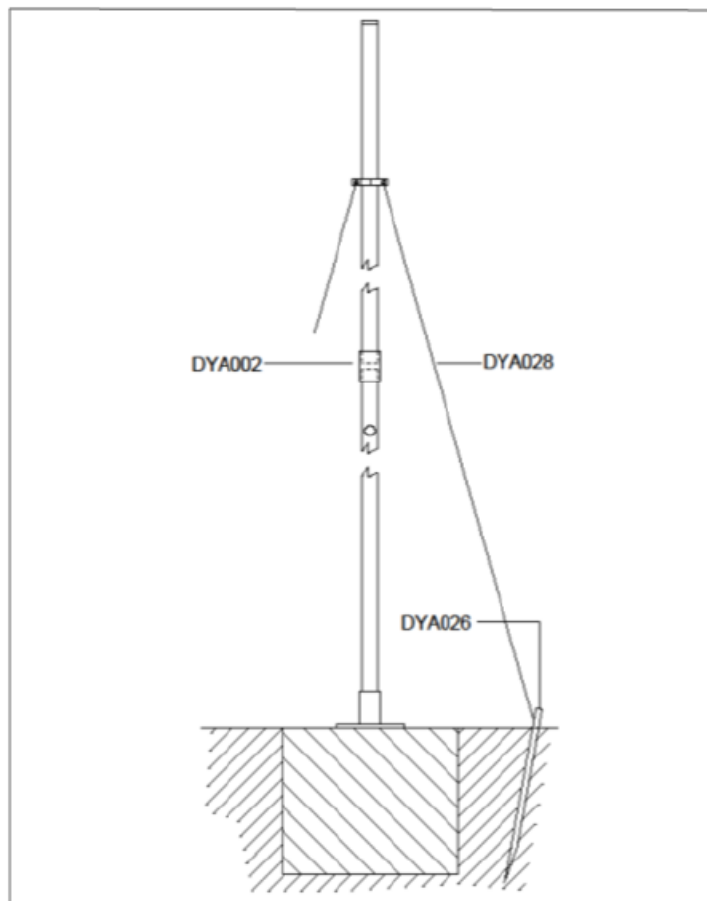
DYA019

Foldable system for mast 50 mm



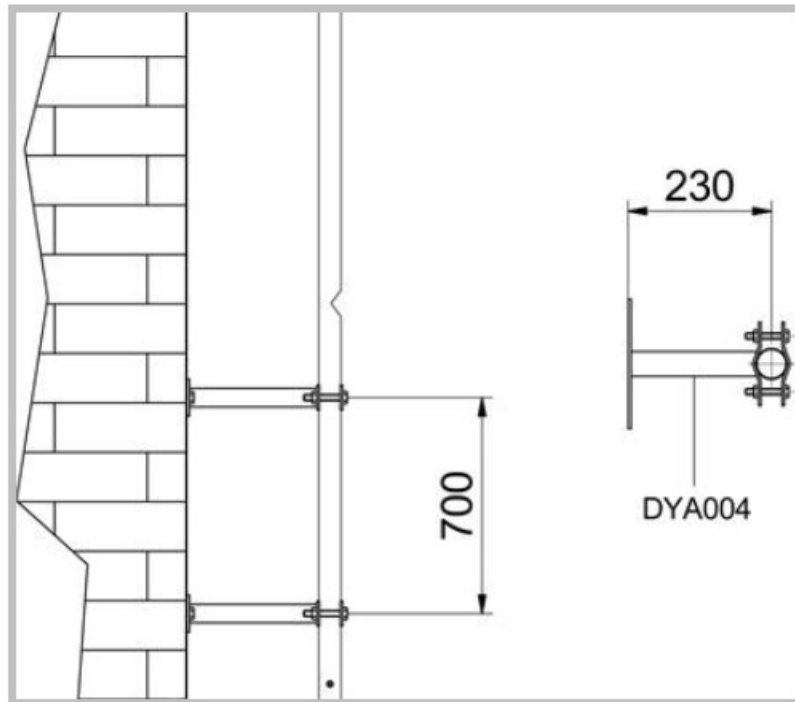
DYA002

Collar for jointing two masts



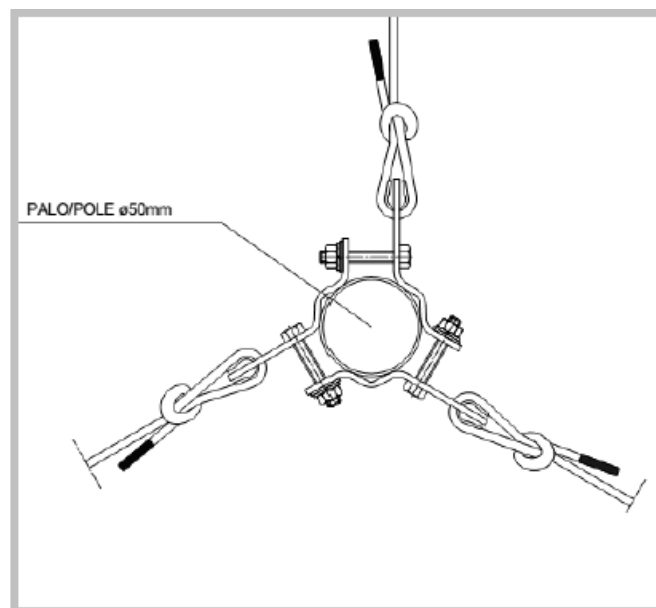
DYA004

Arm for masts installation on wall



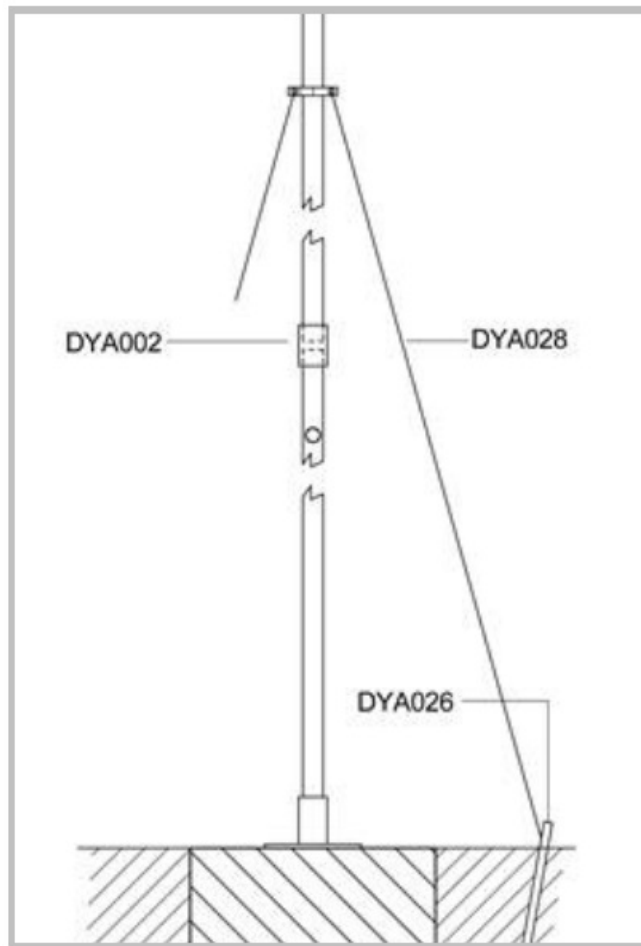
DYA028

Tie-rods set for masts 50 mm



DYA026

Pickets set for tie-rods



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Documents / Resources

| | |
|--|---|
| | <p>LSI LASTEM DYA005 Weather Masts [pdf] Installation Guide DYA005, DYA006.1, DYA010.1, DYA005 Weather Masts, DYA005, Weather Masts, Masts</p> |
|--|---|

References

- lastem.com
- [Sensors for Environmental Monitoring - LSI LASTEM](#)
- [User Manual](#)

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