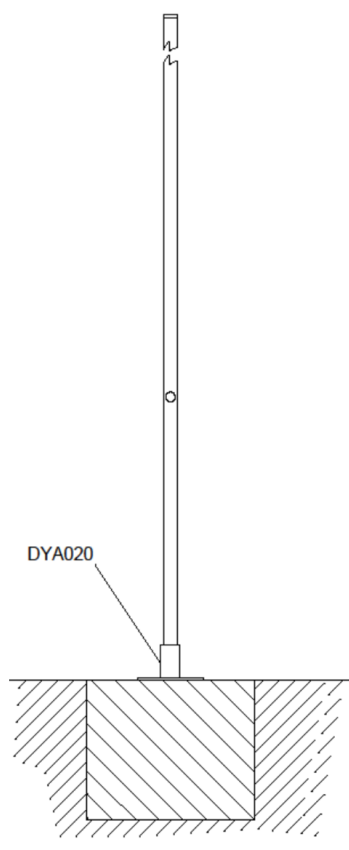


H 2...3 meter masts for sensors and data logger installation



- ▶ 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)

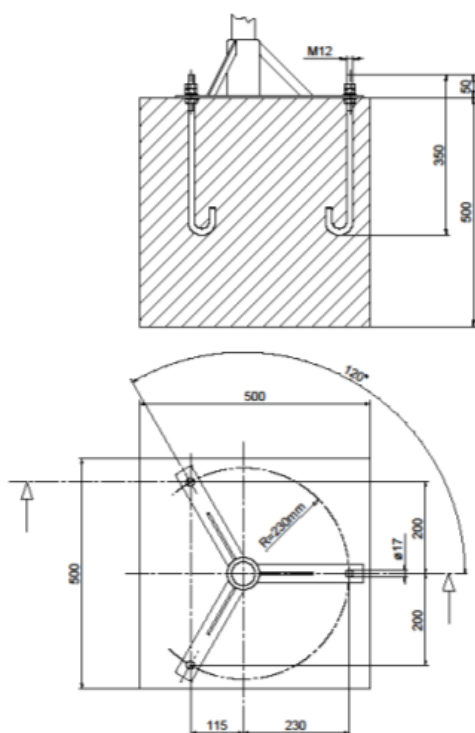
Accessories

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

Foldable system for masts Ø 50 mm	
DYA019	Joint (it should be used with tie-rods set)
Collar for jointing two masts	
DYA002	Collar for jointing two masts Ø 50 mm (it should be used with tie-rods set)
Arm for masts installation on wall	
DYA004	Arm for mast Ø 50 mm wall installation (at least one pair required)
Tie-rods set for masts Ø 50 mm	
DYA028	Set of 3 tie-rods and collar for fixing H 2-3 m pole. Weight: 0.7 kg
DYA029	Set of 3 tie-rods and collar for fixing H 2-3 m pole. Stainless steel
DYA026	Sets of N.3 pickets for tie-rod fixing on the ground. Weight: 11 kg
Upper sleeve to reinforce pole head	
DYA131	Sleeve to reinforce pole head

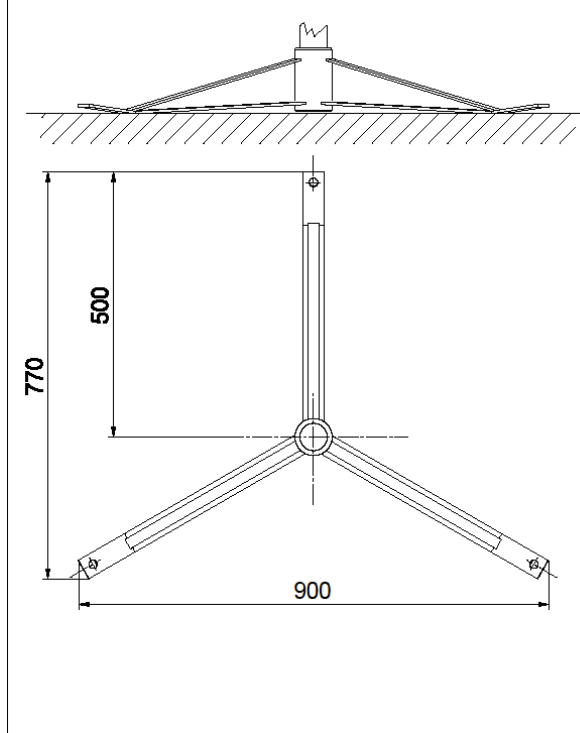
DYA020

Tripod for Ø 50 mm pole on concrete plinth



DYA021

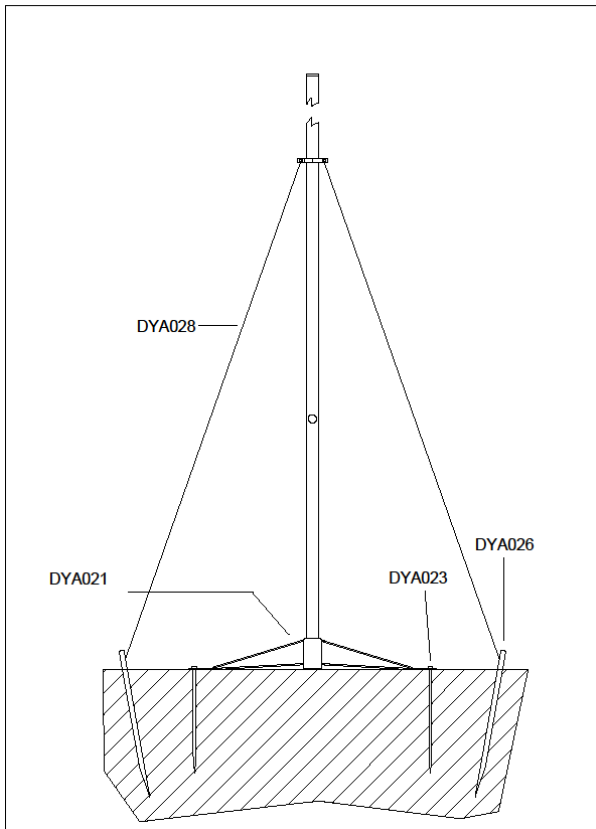
Tripod for Ø 50 mm pole on ground



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

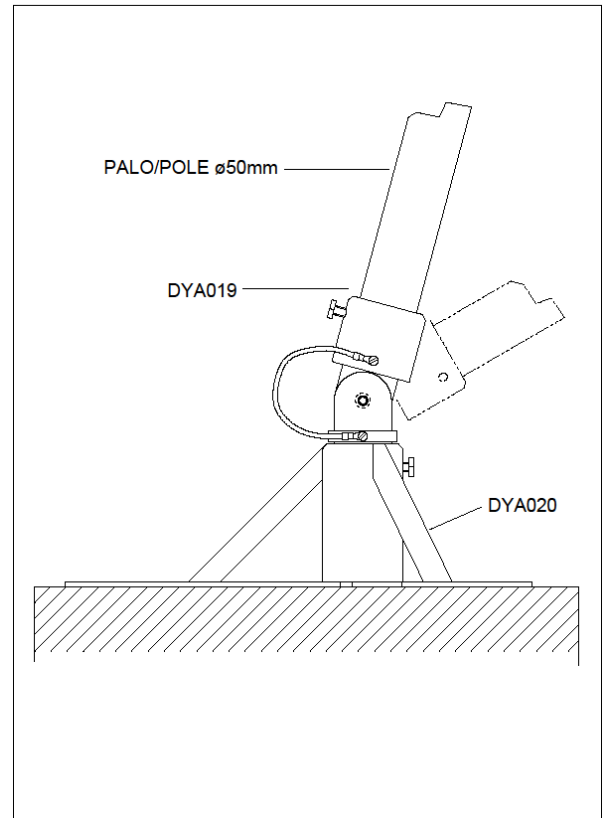
DYA023

Ground pickets for
DYA021 tripod



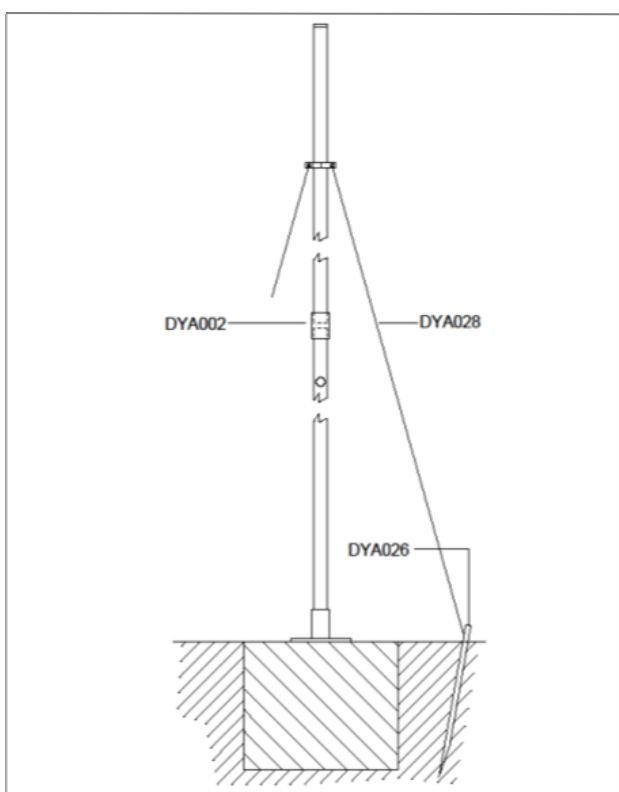
DYA019

Foldable system for mast
Ø 50 mm



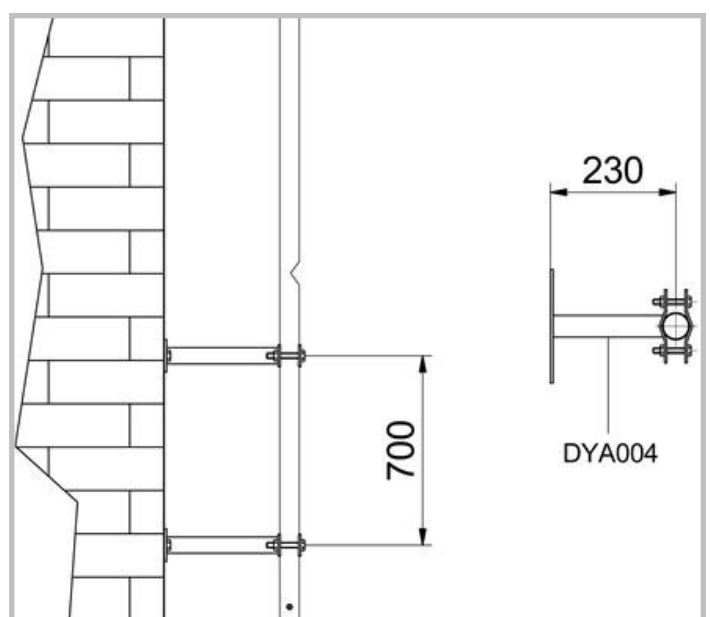
DYA002

Collar for jointing two
masts



DYA004

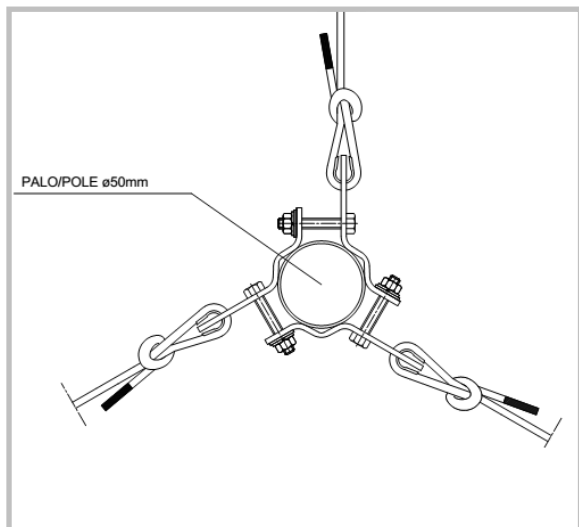
Arm for masts
installation on wall



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

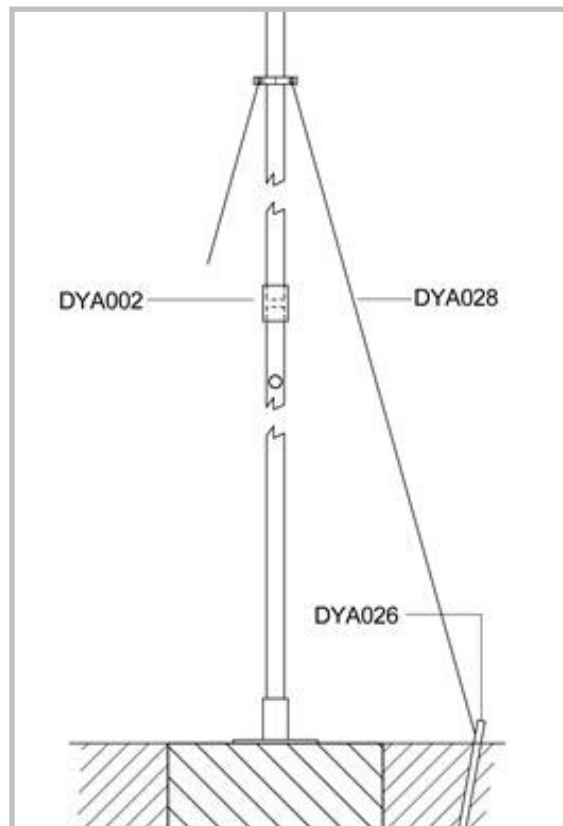
DYA028

Tie-rods set for masts
Ø 50 mm

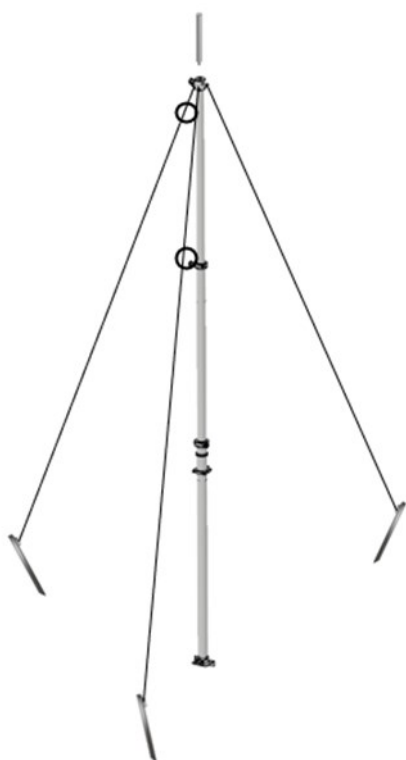


DYA026

Pickets set for tie-rods



Telescopic pole H 4 m



- ▶ Telescopic pole with a height of 4 m
- ▶ Lightweight anodised aluminium construction
- ▶ Telescopic column with 3 extensions and manual locking
- ▶ Only 7.5 kg weight

Telescopic pole that is handy and easy to hoist and close. The pole has two models, one for wall installation and one for installation on a plinth or ground with a special base. The structure is very light. The telescopic pole has 3 extensions, its height when closed is 1.65 m and it has a diameter of 66 mm.

Technical Specifications

PN	MAPOA4301	MAPOA4301.1	MAPOA4304	MAPOA4304.1
Fixing	To wall		On plinth	
Base	Not flanged		Flanged	
Bracing	Polyester ropes		Polyester ropes + DYNEEMA ropes	
Sand scraper seals	Not included	Included	Not included	Included

Common Technical Specifications

Height when open	4.05 m
Height when closed	1.65 m
Section	Circular diam. 66 mm
Material	Anodised aluminium
Uplift	Manual
Number of extensions	3
Max load	15 kg
Max wind resistance	110 Km/h
Total weight	10.5 kg

Accessories

	MAGFA3005	Solid tip for sensor mounting at pole head Ø 50 mm, h 500 mm
	MAGFA3006	Cable bracket for sensor mounting at pole head with connector outlet on axis to pole
	MAGFA3001	Upper wall-fixing bracket for MAPOA4301 pole
	MAGFA3002	Lower wall-fixing bracket for MAPOA4301 pole
	MAPOA9301	Kit 3 polyester ropes for bracing, with accessories, L=6 m
	MAPOA9303	Kit of 3 stakes for fixing bracing ropes to the ground
	MAPOA9308	Kit of 3 DYNEEMA bracing ropes, with accessories, L=2 m, for MAPOA4304 pole
	MAPOA9306	Kit of 3 stakes for fixing Dyneema bracing ropes to the ground, for MAPOA4304 pole
	MAPOA9311	Ground installation plate, for MAPOA4304 pole