

ALUMINUM MAST – 10 METER

W20-4

That strong and rugged mast is placed on a swiveling bearing in the mast base rooted in a concrete foundation. The standard high is 10 m with 3 stainless steel ropes. An instrument carrier at the top for 2 wind sensors is standard. Other instrument carriers are optional. To service the wind sensors the mast can be equipped with a counterweight (option /CW) for easy bending down or with climbing steps (option /CS). The whole mast is made from aluminum and the screws are made from stainless steel. The mast base has to be placed into a concrete foundation (1m x 1m x 0.5m) at a depth of 0.5 m. Due to the lightweight aluminum construction the mast discharges lightning excellently. If necessary a top antenna for a better protection of the wind sensors is available as an option. It has to be used together with a suitable grounding of the mast according to the local conditions (ask your local electrician).

Preconfigured version: W20-4/A:

Mast 10 m height for wind sensors with span ropes, lightning protection, obstruction light at the top of the mast, security painted in red and white and counterweight for easy handling of bending down

Free configurable options of the aluminum mast: W20-4/.../...

- ... LP - lightning protection
- ...CW - counterweight for easy handling of bending down
- ...CS - climbing steps for entering the mast
- ...RW - security painted in red and white
- ...OL - obstruction light at the top of mast

Specifications of mast W20-4:

Height	:	10 m (* 6.6 m)
Diameter of the tube	:	120 mm (* 100 mm)
Cross bar at the top	:	for wind sensors W20, length 1.30 m
Rigging	:	by 3 span ropes from stainless steel
Weight	:	ca. 40 kg (*33kg)
Material	:	aluminum
Required foundations	:	concrete socket for mast concrete groundings for span ropes
Optional attachments	:	see above and cross arms for further sensors

*for optional version with 6.60 m height

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