# Frangible mast (wind measurement at 10 metres)



# FB10-M

Code produit : 002663



## **Main features**

- Wind measurement at 10 meters
- Frangible
- Daytime signs
- Transportable
- Tilting for easy maintenance

**FB-10M** is a reliable and high-performance frangible mast for wind measurement at a height of 10 meters. Its ease of transport, easy installation, convenient maintenance capability, and exceptional resistance make it a high-quality equipment for demanding meteorological applications

**FB-10M** is a frangible mast specifically designed for wind measurement at a height of 10 meters in accordance with the recommendations of the WMO.

## Measurement at 10m

**FB-10M** has a robust mechanical capacity with a maximum load of 10 kg, allowing for the attachment of a wind sensor and its solar power supply at the top. It is compatible with ALIZIA 380 and ALIZIA 312-B sensors. Maintenance

**FB-10M**'s maintenance is simplified by its portable design, with 1.5-meter sections for easv car transport. Installation is straightforward with two people, and attachments can be permanent or temporary as needed. The mast can be easily raised and lowered for convenient maintenance operations.

## Robust

With its guy wires and composite construction, the **FB-10M** mast exhibits high resistance to strong winds, capable of withstanding speeds of up to 300 km/h.

In summary, **FB-10M** offers easy transport, simple installation, convenient maintenance, and exceptional durability, making it ideal for demanding meteorological applications !

## WWW PULSONIC COM

## **FB10-M**

Product code : 002663

10 kg 300 km/h

## **Technical specifications**

Dimensions		
Height	10 m	
Ground mounting	4 points 210 x 210 mm	

#### General

Material	Glass fiber
Weight	50 kg
Shrouds	8
Color	Red/White
Daytime marking (Red and white)	Yes
Assembly time	~ 60 min
Sealing rods	included
Lightning rod	Optional
Low solar intensity beacon	Optional

## Robustness

Maximum	masthead load	
---------	---------------	--

Maximum wind speed



# Civil works to be planned

Concrete blocks	
Number of blocks to be planned	
Dimensions* (l x L x h)	Central: 400 x 400 x 200 m

nm shrouds: 500 x 400 x 500 mm

5

\*Dimensions may vary depending on site conditions.



Shroud fixing



## PULSONIC

48, rue de Versailles 91400 Orsay France Tel : +33 1 64 46 34 10 | Fax : +33 1 64 46 25 22 Email : info@pulsonic.com | www.pulsonic.com SAS with a capital of 70000€ | RCS : Evry B 329 221 980



## WWW.PULSONIC.COM

