




KM-30F

3 db AIS fiberglass antenna 0,9 m (3') length

 The Automatic Identification System (AIS) is an automated tracking system used on ships and by Vessel Traffic Services (VTS) for identifying and locating vessels by electronically exchanging data with other nearby ships and VTS stations. AIS transponders use two different frequencies, VHF maritime channels 87B (161.975 MHz) and 88B (162.025 MHz). The KM-30F is specifically designed for sailing boats and tuned on the AIS frequencies. It combines lightness and flexibility with an extreme resistance to atmospheric agents. The antenna is supplied together with a 3 mm thick stainless steel mounting bracket, for an easy and stable installation on mast.

 Il sistema di comunicazione AIS, Automatic Identification System, permette di localizzare ed identificare ogni imbarcazione che trasmette questo segnale monitorando, su frequenze VHF marine predefinite, spostamenti, nome e direzione delle imbarcazioni. La comunicazione AIS utilizza due canali VHF dedicati, 161,975 MHz e 162,025 MHz. L'antenna KM-30F è progettata appositamente per barche a vela e specificamente accordata sulle frequenze AIS, coniuga leggerezza e flessibilità a una estrema resistenza agli agenti atmosferici. L'antenna viene fornita unitamente alla staffa di montaggio in acciaio inossidabile di 3 mm di spessore, che garantisce una installazione veloce e sicura all'albero.

 Der Begriff Automatic Identification System (AIS; zu Deutsch: Automatisches Identifikationssystem) oder Universal Automatic Identification System (UAIS) bezeichnet ein Funksystem, das durch den Austausch von Navigations- und anderen Daten die Sicherheit und die Lenkung des Schiffsverkehrs verbessert. AIS sendet abwechselnd auf zwei Kanälen im UKW-Seefunkbereich: AIS 1 - 161,975 MHz / AIS 2 - 162,025 MHz. SCOUT hat die KM-30F Antenne entworfen, eingestellt auf AIS Frequenz. Die KM-30F Antenne wurde für Segelboote entwickelt. Sie kombiniert Leichtigkeit mit Flexibilität und einer extremen Widerstandskraft gegenüber atmosphärischen Stoffen. Die Antenne wird geliefert mit einer rostfreien Masthalterung aus Edelstahl, die Montage schnell und sicher macht.

- ▶ Anti - UV high gloss finish
- ▶ Mounting bracket supplied with the antenna

Waterproof connector



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- 1 x Antenna
- 1 x Stainless steel bracket

Technical specifications

| | |
|-------------------|-------------------------|
| Frequency | 161,975-162,025 MHz |
| Impedance | 50 ohm |
| Electrical length | 1/2 λ |
| V.S.W.R. | < 1,5:1 |
| Polarization | Vertical |
| Gain | 3 dB |
| Max power input | 50 W |
| DC Ground | Yes |
| Whip material | Fiberglass |
| Connector | SO 239 |
| Mounting | Stainless steel bracket |
| Length | 0,9 m (3') |
| Weight | 0,23 kilo |

(code: PF AN NAIS003)

**5 YEAR
WARRANTY**

