




KS-30

3 db AIS fiberglass antenna 1,0 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). SCOUT has designed the KS-30 antenna to be tuned on the AIS frequencies.

Extremely light and performing, the KS-30 is built with a 1,4 mm thick fiberglass whip that gets fully foam injected with the special Scout 100% waterproof technique, and it's ice white colored with high gloss anti-UV filter to prevent color deterioration. The antenna is supplied with 5m RG-58 MIL cable and 1 PL-259 connector to complete the installation on board.

 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. SCOUT ha progettato l'antenna KS-30 appositamente per permettere la perfetta ricezione delle frequenze AIS. Ideale per dimensioni e leggerezza, la KS-30 è costruita con un corpo in vetroresina con spessore di 1,4 mm interamente riempito di poliuretano con la speciale tecnica Scout 100% waterproof, e verniciata con tonalità bianco ghiaccio e filtro anti-UV per prevenire il deterioramento del colore ai raggi solari. Viene fornita con 5m di cavo RG-58 top performance a norme militari e un connettore PL-259 per completare l'installazione a bordo.

 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 KS-30 Antenne entworfen, eingestellt auf AIS Frequenz. Extrem leicht und leistungsfähig, es hat einen 1,4mm Glasfaser Stab, der mit der speziellen 100% Waterproof Technik komplett schaumgefüllt ist, zusätzlich einen Hochglanz Anti UV-Filter, der die Farbe schützt. Die Antenne wird mit 5 m RG-58 MIL-Kabel und 1 PL-259-Stecker geliefert, um die Installation an Bord abzuschließen.

► Foam injected - 100% WATERPROOF

► Anti - UV high gloss finish

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- 1 x Antenna
- 1 x PL-259 (RG-58) male connector twist-on

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
Ferrule	Reinforced nylon
Coaxial cable	5 m RG-58 CU MIL
Mounting	1" x 14 thread
Length	1,0 m (3.3')
Weight	0,39 kilo

(code: PF AN NAI5001)



SCOUT®



AIS MARINE ANTE