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# AIS Antennas and Mounting Accessories

## Product & Price Guide

**JUNE 2016**



**For the best performance, choose a dedicate, AIS tuned antenna**

AIS transmits data on 162MHz - slightly higher than the regular 156MHz marine VHF voice channels so choosing an antenna specific for this frequency will give the best results. All these antennas are all tuned to 162MHz and will give exceptional performance.

**GV30 Combo GPS-VHF Antenna**



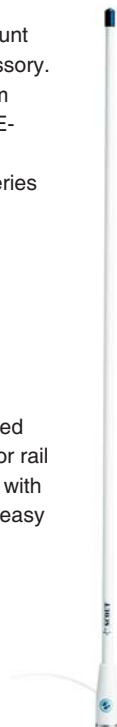
Combination GPS and VHF antenna ideal for space limited installations on jetskis, tenders or for rail mounting on sail boats. Don't expect massive range from this compact helical antenna but it makes for a very convenient and quick installation.

Requires 1" base mount available as an accessory. Supplied with 2 x 10m coax cables with FME-BNC and FME-TNC connectors for AIT series transponders.

**KS30 1m GRP Whip**

Measures just 90cm in length. Sturdily constructed from white, UV resistant GRP, it's ideal for deck or rail mounting using an optional 1" bracket. Supplied with 5m cable and fitted with FME connector to allow easy cable routing. 3dB gain. Choose a suitable FME adaptor for your device

Recommended for sail or powerboat leisure installations



**CX4A Commercial Grade 1.2m Antenna**

A very high quality 3dB AIS tuned GRP antenna. 1.26m long and designed to fit 1.25" commercial grade fixing bases. Ideal for professional and super yacht installation. Fitted with SO239 socket for use with 50 ohm coax cable (not supplied)



Supplied with nut and O ring to fit either the E179F base, N162F right angle bracket or N280S adaptor for 1" bases



**CEL VG Combination AIS-GPS Antenna supplied with diplexer**



Physically similar to the CX4A - but a combination VHF(AIS)-GPS antenna with a single cable from antenna to diplexer which then splits the output to feed the GPS and AIS antenna inputs on the transponder. Requires RG214 or equivalent coax cable from antenna to diplexer (not supplied). Ideal for commercial installations where an existing RG214 coax is available. Length 1.1m

**Mounting Bases for 1.25" Antennas (As Above)**

**N280S**



Fits to 1.25" antennas and converts to fit 1" range of mounts. For use with CX4 and CEL VG antennas as well as WL5XX series WiFi antennas from Digital Yacht

**E179F**



Fits to 1.25" antennas as above and supplied with the WL510 as standard. Designed to mount on horizontal deck and supplied with fixing bolts and gasket.

**N162F**



Right angle stainless mount for CEL24, CX4 and CEL VG antennas



# MOUNTING ACCESSORIES

## Antenna Bases

These bases are all designed to fit 1" x 14TPI threaded antennas such as the KS30, WL70, GV30 etc.



### PA40 Fixed S/S Deck Base

Sturdy stainless steel fixed deck base for mounting onto horizontal deck or surface.

### PA3 Nylon Ratchet Base

Handle allows easy fold down of antenna and 4 way design allows for mounting on any surface. Suitable for use with KS30

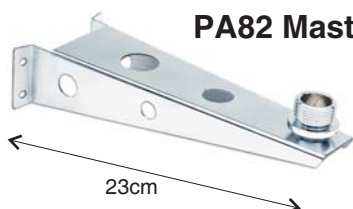


### PA30 S/S Ratchet Base

Stainless steel version of PA3 for extra strength and for use with larger antennas

### PA41 Rail Mount Base

Designed to fit 1" rails but with detachable top to allow easy removal of antenna. Ideal for use with WL70 wifi antenna which can be stowed when sailing



### PA82 Mast Mount

Stand off mast bracket for use with VHF antennas as well as DTV100 TV antenna

## Coaxial Adaptors & Connectors



### FME-BNC Adaptor

FME-BNC adaptor which allows KA30 to connect to BNC style VHF connections such as those used on the whole range of AIS receivers and Class B transponders

Part Nos: X400.080

### FME-TNC Adaptor

FME-TNC adaptor for use with GPS antennas and AIT range of transponders

Part Nos: X400.081



### FME-PL259 Adaptor

FME-PL259 adaptor allows KA30 to fit Class A AIS systems or any system with PL259 style connection

Part Nos: X400.048

### N Type for LMR400

N type connectors for LMR400 cable as used on our WL510 hi power wifi internet access system. These require a specialist coaxial crimp tool for assembly

N type male (Part Nos: X400.084)  
N type female (Part Nos: X400.078)



### MA800 GPS Antenna



Replacement passive GPS antenna for use with AIT250, AIT1000, AIT2000 and AIT3000 systems. Fits standard 1" mounts and supplied with 10m cable and FME-TNC connector

Part Nos: X500.391

## Price List

All prices exclude VAT where applicable

Part Nos	Description	Price GBP/£	Price EUR/€	Price USD/\$
<b>AIS Antennas &amp; Antenna Mounting Accessories</b>				
ZDIGGV30	GV30 COMBO AIS-GPS ANTENNA	85.00	120.00	160.00
ZSCOKS30	1M AIS TUNED GRP ANTENNA WITH 5M CABLE (FITTED FME/BNC CONNECTOR)	35.00	45.00	55.00
ZSCOPA3	PA3 4 WAY NYLON RATCHET BASE FOR AIS ANTENNA WITH 1" THREADED BASE	15.00	20.00	25.00
ZSCOPA30	PA30 S/S 4 WAY RATCHET BASE FOR AIS ANTENNA WITH 1" THREADED BASE	35.00	45.00	55.00
ZSCOPA82	PA82 MAST STAND OFF BRACKET SUIT DTV100/KS30	35.00	45.00	55.00
ZSCOPA40	PA40 S/S FIXED DECK BASE FOR 1" BASE ANTENNAS	25.00	35.00	40.00
ZSCOPA41	PA41 DETACHABLE RAIL MOUNT ANTENNA FOR 1" BASE SUIT WL70/KS30	30.00	40.00	45.00
ZCELCX4A	CX4A AIS VHF ANTENNA	100.00	145.00	170.00
ZDIGCELVG	COMMERCIAL CEL VG COMBO VHF-GPS 1.2M ANTENNA WITH DIPLEXER	275.00	375.00	495.00
ZCELE179F	E179F DECK BASE FOR CX4A/CEL VG	35.00	50.00	60.00
ZCELN280S	N280S 1.25" TO 1" THREAD ADAPTOR FOR CX4/WL510/CELVG	35.00	50.00	60.00
ZCELN162F	N162F RIGHT ANGLE S/S BRACKET FOR CX4/CEL24/CEL VG	20.00	26.00	30.00
ZCELN275F	N275F COMMERCIAL MOUNT FOR LARGE RAILS SUIT CEL 24/CX4/CEL VG	50.00	70.00	80.00
X500.391	MA800 GPS ANTENNA (suitable for AIT250/1000/2000/3000)	70.00	100.00	110.00
X400.080	BNC-FME ADAPTOR	4.00	5.50	6.50
X400.081	TNC-FME ADAPTOR	4.00	5.50	6.50
X400.048	PL259-FME ADAPTOR	4.00	5.50	6.50
X400.084	N TYPE MALE CONNECTOR LMR 400	12.00	17.00	18.00
X400.078	N TYPE FEMALE CONNECTOR LMR 400	12.00	17.00	18.00

## Stop Press!

### NEW N275F Commercial Mount



Rugged di-cast base for use with 1.25" antennas like the CX4A, CEL VG and CEL24. Oversized U bolt clamps allow mounting to commercial vessels

**Part Nos: ZCELN275F**

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