



VHF ANTENNA FAMILY

SCAN Antenna offers a full family of Danish designed and manufactured VHF antennas. The antennas come in different design series, each with its own advantages. This is covered in more details under Electrical Performance and Mechanical Performance.

ELECTRICAL PERFORMANCE

The material and design used for the VHF antenna conductor is selected based on 30+ years of real-life testing. SCAN Antenna offers a full range of VHF antennas for all kind of usage. Either it is for power-boats, leisure, sail-boats, fishing vessel or commercial vessels, SCAN Antenna can offer a solution covering your needs.

SCAN Antenna offers antennas for all the commonly used bands including Marine VHF and AIS. The antennas are divided up into families offering identical design not only for VHF and AIS but also for AM/FM. The combination of VHF/GPS within one antenna is also available.

Antennas can be ordered in 3, 6 and 9 dB (marine) versions, giving you just the performance you need.

Apart from the normal $\frac{1}{2} \lambda$ antennas that handle 100 Watts power, we also have shorter high power ground plane independent antennas that cover up to 250 Watts in the VHF family as well as smaller antennas at 50 Watts.

MECHANICAL PERFORMANCE

Great effort has been put into the mechanical designs to ensure a durable and reliable mechanical construction of the different designs.



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The antennas from SCAN Antenna come in heavy-duty as well as standard and lightweight design, allowing you to find the price/performance point that is suitable for your application. The different designs cover both radome strength as well as conductor design.

The most popular VHF antenna is the VHF73. Designed for the professional user but also chosen for many leisure boats because of the high quality. Antennas for AIS and AM/FM are offered in identical style.

When weight and price are the deciding factors we offer a steel based super lightweight series (VHF/AIS/AMFM23) that will accommodate your needs at low cost.

EASE OF INSTALLATION

For the entire VHF antenna family we have a whole series of mounts to cover every need, whether it will be deck, mast and rail or mounted on the side of a structure on the vessel.

Consideration has been put into both the fixation of the mount on the vessel as well as ease of installation of the antenna on the mount - if the antenna needs to be replaced, and time is of the essence.

THE VHF FAMILY FROM SCAN ANTENNA

Name	MHz	dB	Power	Design
VHF23	156-162,5	3	50W	Steel whip
VHF53	156-162,5	3	50W	Fiberglass incl. cable
VHF56	156-162,5	6	100W	Fiberglass incl. cable
VHF73	146-162,5	3	100W	Fiberglass
VHF76	156-162,5	6	100W	Fiberglass
VHF96	156-162,5	6	250W	Fiberglass
VHFGPS3	156-162,5	3	100W	Fiberglass incl. GPS

ACCESSORIES

The VHF antennas can be mounted in various ways: Deck, rail, mast & 4-ways. Find the right solution for you in the PRODUCT FINDER at our web-site.



EXPERIENCE COUNTS

SCAN Antenna is a long-established company (formed in 1947), and have a large number of designs for customers including global blue-chip companies.

We are a technology-focused company. Growth has come from our reputation for supplying quality products, and we provide effective and well documented manufacturing and quality control. We have modern Head Quarters and laboratories with the most advanced design, simulation, test & measurement tools.

SCAN Antenna supply for heavy duty use when connectivity is vital and truly matters.

More than a million marine antennas has been produced at our factory. That product line has primarily been under private label. Thus, so far we are relatively unknown in the market.

