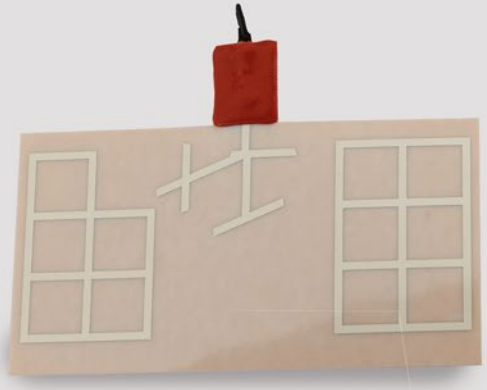
MTA
Advanced Automotive Solutions

ANTENNA SYSTEMS



THE ANTENNA MAKES THE DIFFERENCE

MTA Antenne is able to support the customer in the design, the development and the electromagnetic testing for the solution of particular reception problems and the creation of customized systems for the customer.

The manufacturing site of MTA Antenne is located in Isola Vicentina, where the production started in 1957 with the development of advanced communication technologies in synergy with the world's leading car manufacturers. The range consists of various types of antennas (5G cellular, WiFi, WB, AM/FM, DAB, SDARS, GNSS, V2X, etc.) both for original equipment and the aftermarket for the automotive, motorbike, truck and off-highway industries.

Counting on its R&D department, MTA Antenne provides complete product development, from mechanical design to electronic and electromagnetic design, through validation in the internal laboratory and dedicated near field and far field test facility for in-vehicle validation, up to the industrialization and definition of production tooling.

CARS

TRACTORS

OFF-HIGHWAY VEHICLES

TRUCKS

E-MOBILITY

Shark fin design antennas have compact dimensions, a robust structure and are made of materials that guarantee reliability and consistent performance over time. Available in different configurations or in customized version for direct connection to the original connectors, according to specific requests.

SHARK 3

Designed to meet the specific needs of the OE market, the Shark 3 features highly advanced construction and technical solutions. It offers high performance in the reception of analogue and digital radio (AM/FM and DAB) and satellite navigation signals (GNSS). Versions for on-line vehicle information services with support for the mobile network (2G/3G/4G) are also available.

SHARK 2

Available in different configurations for reception of analog radio (AM/FM), digital (DAB), and satellite navigation signals (GNSS).

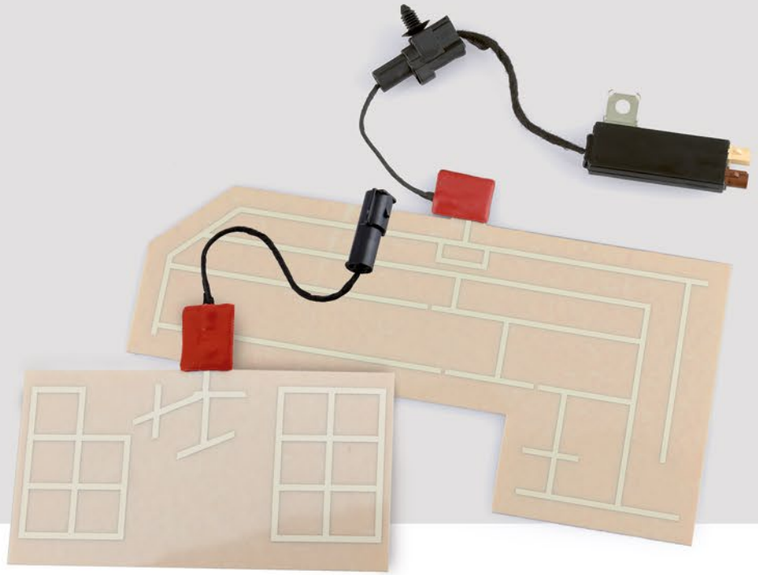
FLEXI

Antennas for AM/FM radio reception made with a compact base and an extremely flexible and durable rod. These antennas are particularly suitable for vehicles operating in heavy duty areas, such as agricultural and construction sites.
The Flexi antennas are predisposed for receiving digital DAB radio, a feature available with an active AM/FM-DAB splitter.

Antennas for AM/FM and/or DAB signals with sheet-type receiver for concealed installation.

FOIL

Combined or mono-function antennas suitable for installation in the interior of vehicle bumpers or in any other plastic or glass fiber element.



NEW LIGHT

Combined or mono-function antennas suitable for installation on the windscreen or on the rear window of the vehicle.

The shark fin design antennas have compact dimensions, a robust structure and are made of materials that guarantee reliability and consistent performance over time. They support telecommunication, alarm and remote-control systems and can be installed on a wide range of vehicles.

SHARK 3

The Shark 3 antenna supports the most modern telecommunication systems, alarm and remote control for satellite control via GNSS signals and cellular networks 2G/3G/4G and WiFi dual-band also in MIMO version.
It is also available with TETRA signal support for law enforcement and emergency services communications.

SHARK 2

The Shark 2 antenna supports 2G/3G/4G/5G cellular network bands, dual-band WiFi and GNSS satellite tracking systems.

Antennas designed for the communication and control needs of law enforcement and emergency services. Their shape and structure make them particularly suitable for heavy duty use. The special configuration of internal circuits allows to produce customized versions according to the customer's needs.

RADOME RUGGED

Series of multi-function antennas specifically appropriate for emergency services. The cover is customizable in various colors to satisfy the different requests of fire, police or other public safety departments. The Radome Rugged antennas are designed to contain the receiving elements for TETRA and UHF frequencies and are available in many configurations for 2G/3G/4G, WiFi, Bluetooth and GNSS frequencies too.

RADOME COMPACT

Series of multifunction antennas, also MIMO, for 2G/3G/4G signals, WiFi dual-band, Bluetooth and GNSS, characterized by a small cover.

Antennas for installation inside the vehicle for communication and remote-control functions. They are particularly suitable for security and transport systems.

LUNEX EVOLUTION

Combined antenna for 2G/3G/4G cellular communication and GNSS satellite positioning systems.

NAVI

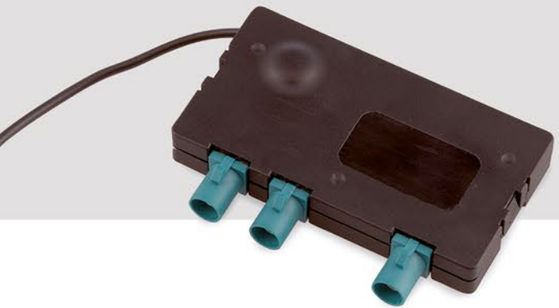
The Navi antenna receives the GNSS satellite signals with magnetic or adhesive mounting.

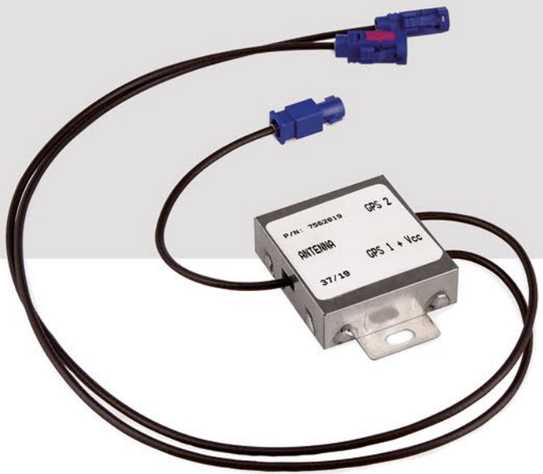
NAVI SMALL

The Navi Small antenna receives the GPS satellite signals with adhesive mounting.

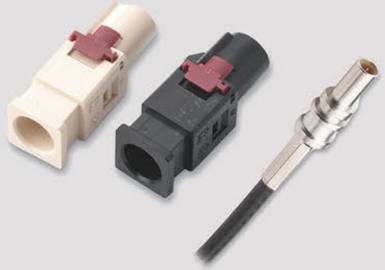
SERVICE BOX RANGE

Amplifiers and signal splitters for the recovery of preset functions in original and non-original antennas.
They are available for AM/FM, DAB and GNSS signals.





ACCESSORIES



Wide range of extension cables, adapter cables, connectors and accessories to complete the installation and the connection of the antennas and to adapt to the technical characteristics of the devices to be connected to or to specific installation requirements.

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www.mta.it

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