



#### PHONES

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# 130

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In store "130" you can find and buy almost all necessary goods for your auto in Kyiv and other cities, delivery by ground and postal services. Our experienced consultants will provide you with exhaustive information and help you to choose the very particular thing. We are waiting for you at the address

<http://130.com.ua>



1957-2007 a Tradition of Innovation

Top Quality  
Communication

1957

1967

1977

1987

1997

2007



antenne

partner of most international car manufacturers

# le antenne Calero

Calero Aerials / Calero Antennen / Les antennes Calero / Las antenas Calero / Антенны Calero



La tecnologia applicata alle telecomunicazioni rappresenta la massima espressione di un mondo in rapida evoluzione e continua innovazione. La vasta gamma di antenne Calero è costantemente aggiornata ai parametri di multifunzionalità ed estetica grazie all'attività del Ce.R.Ca., il Centro Ricerche Calero: una struttura interna dedicata allo sviluppo di soluzioni innovative e d'avanguardia, capaci di rispondere e di anticipare le mutevoli esigenze del mercato. Differenziazione di prodotto, una gamma in costante espansione ed aggiornamento, esperienza e competenza nell'Aftermarket: sono questi i principi cardine dell'azienda Calero che, superando con i propri prodotti i più rigorosi test qualitativi, ha acquisito la fiducia di alcune tra le più prestigiose case automobilistiche internazionali, quali il gruppo VW – con AUDI, SEAT, VOLKSWAGEN e SKODA – RENAULT, MCC SMART (gruppo DAIMLER- CHRYSLER), NISSAN, OPEL e FERRARI, che hanno scelto di equipaggiare le proprie vetture con antenne Calero.

The technology applied to telecommunications represents the highest expression of a rapidly evolving and ever innovative society. Calero's wide range of antennas is constantly updated to the current aesthetical and multifunctional standards thanks to Ce.R.Ca, Calero's Research Department, an internal structure dedicated to the development of forefront, innovative technical solutions. Product diversification along with an ever increasing range of items, technical skill, rigorous quality testing and experience in the aftermarket are the basic principles that have won Calero the trust of some of the most prestigious international car manufacturers, such as the VW group – AUDI, SEAT, VOLKSWAGEN and SKODA -, RENAULT, MCC, SMART (DAIMLER-CHRYSLER group), NISSAN OPEL and FERRARI who have chosen Calero antennas for their automobiles.

Die heutige Technologie für die Telekommunikationsbranche ist ein Beweis für die kontinuierliche Innovation in einer sich schnell ändernden Welt. Die umfangreiche Auswahl an Antennen ist die Antwort von Calero auf die heutige Anforderung nach Ästhetik und Multifunktionalität, die laufend durch den Einsatz der Ce.R.Ca. erneuert wird: diese interne Forschungsabteilung befasst sich mit der Entwicklung von neuen Lösungen, ist auf dem letzten technologischen Stand und ist daher fähig, den jeweiligen Marktaufforderungen nachzukommen. Die Vielfalt an Produkten, Erfahrung und Zuständigkeit im Aftermarket-Bereich hat Calero ermöglicht, nach den strengsten Qualitätsprüfungen, das Vertrauen der wichtigsten Autohersteller zu gewinnen. Die VW-Gruppe mit AUDI, SEAT, VOLKSWAGEN und SKODA, die Firmen RENAULT, MCC, SMART (DAIMLER-CHRYSLER-Gruppe), NISSAN, OPEL und FERRARI haben für ihre Fahrzeuge die Calero-Antennen gewählt.

La technologie appliquée aux télécommunications représente la meilleure expression d'un monde en évolution rapide et en continuel développement. La vaste gamme d'antennes Calero est constamment mise à jour par rapport aux paramètres de multifonctionnalité et d'esthétique grâce à l'activité du Centre de Recherche Calero (Ce.R.Ca.): une structure interne consacrée au développement de solutions innovatrices et d'avant-garde, capables de répondre et d'anticiper les exigences changeantes du marché. Variété de produits, gamme en expansion et constamment mise à jour, expérience et compétence dans le service après-vente: voilà les éléments clés de l'entreprise Calero qui, en passant avec succès les tests de qualité les plus rigides, a gagné la confiance de certaines maisons automobiles internationales parmi les plus prestigieuses, comme le groupe VW – avec AUDI, SEAT, VOLKSWAGEN et SKODA – RENAULT, MCC SMART (groupe DAIMLER-CHRYSLER), NISSAN, OPEL et FERRARI, qui ont choisi d'équiper leurs véhicules avec des antennes Calero.

La tecnología aplicada a las telecomunicaciones representa la máxima expresión de un mundo en constante evolución y continua innovación. La vasta gama de antenas Calero se actualiza constantemente según los parámetros de multifuncionalidad y estética, gracias a la actividad del Ce.R.Ca, el "Centro de Ricerche Calero", una estructura interna dedicada al desarrollo de soluciones innovadoras y de vanguardia, capaces de responder y de anticipar las cambiantes exigencias del mercado. La diferenciación de producto, una gama en constante expansión y actualización, experiencia y competencia en el Aftermarket: estos son los principios básicos de la empresa Calero, que superando con sus propios productos los más rigurosos tests de calidad, ha conquistado la confianza de algunas de las más prestigiosas casas automovilísticas internacionales, como los grupos VW – con AUDI, SEAT, VOLKSWAGEN y SKODA – RENAULT, MCC SMART (grupo DAIMLER-CHRYSLER), NISSAN, OPEL y FERRARI, que han elegido equipar sus coches con las antenas Calero.

Технологии, применяемые для коммуникаций, представляют собой высшее отражение постоянного развития Общества. Большой спектр Антенн Calero обеспечивает не только эстетические, но также и мульти-функциональные потребности, благодаря большой поддержке Отдела Исследований Calero - CE.R.CA - внутренней структуре, преданно развивающей высокое качество технологических решений. Модифицирование продуктов, постоянное увеличение ассортимента товаров, техническое искусство и опыт на Вторичном Рынке являются отражением главных принципов нашей работы, благодаря чему, продукция получает преимущество у важнейших авто производителей, с которыми мы сотрудничаем, такие как VW Group - с AUDI, SEAT, VOLKSWAGEN и SKODA - RENAULT, MCC SMART (DAIMLER-CHRYSLER Group), NISSAN, OPEL и FERRARI.

## Shark Antenna Line Technology, Design, Functionality



Easy for wash



Anti-theft



Easy to garage

|                                     |           |
|-------------------------------------|-----------|
| SHARK Triplex RADIO FM+GPS+GSM/UMTS | <b>04</b> |
| SHARK Twin RADIO FM+GSM/UMTS        | <b>05</b> |
| SHARK Twin Sat RADIO FM+GPS         | <b>05</b> |
| SHARK Duplex GPS+GSM/UMTS           | <b>07</b> |
| SHARK Phone GSM/UMTS                | <b>10</b> |
| SHARK Sat GPS                       | <b>13</b> |
| SHARK Radio RADIO AM/FM             | <b>18</b> |
| SHARK DAB D.A.B.                    | <b>31</b> |

Antennes multi-fonction  
Multi-function Antennas  
Antenas multi-función  
Mehrfunktions- Antennen  
Мульти-функциональные антенны



# Antenne Multifunzione

**04** Antenne Multifunzione / Multi-function antennas /  
Mehrfunktions-Antennen / Antennes multi-fonction /  
Antenas multi-función / Мульти-функциональные  
антенны

Questa linea di antenne aggiunge alla funzionalità di ricezione GPS la possibilità di ricevere e trasmettere i segnali di un telefono cellulare in banda 900 MHz e 1800 (DCS) e di ricevere le diffusioni radiofoniche in banda AM/FM, il tutto...  
...in un'unica asta!

Besides the GPS reception functionality, this antenna series offers also the opportunity to transmit and receive cellular signals in 900 MHz (GSM) and 1800 MHz band and to receive the broadcasts in AM/FM band.  
All in one rod!

Diese Antennen haben eine GPS-Empfangsfunktion und sind fähig, sowohl die Signale eines Mobiltelefons im 900 MHz-Band (GSM) und 1800 MHz-Band (DCS) als auch die Rundfunksendungen im AM/FM-Band zu empfangen...  
...alles dies durch einen einzigen Stab!

Cette ligne d'antennes ajoute à la fonctionnalité de réception GPS, la possibilité de recevoir et de transmettre les signaux d'un téléphone mobile sur la bande 900 MHz et 1800 (DCS) et de recevoir les diffusions radiophoniques sur la bande AM/FM, le tout ... avec un seul fouet.

Esta línea de antenas añade a la funcionalidad de recepción GPS la posibilidad de recibir y transmitir las señales desde un teléfono celular en banda 900 MHz y 1800 (DCS) y recibir las difusiones radiofónicas en banda AM/FM, todo...  
...en una única varilla!.

CALEARO предлагает новые линейки антенн, добавляя функцию приема GPS сигнала, - соответственно появляется возможность передавать и получать GSM сигнал в диапазонах от 900 МГц (GSM, E-TACS) и 1800 МГц (DCS), и получать радио сигнал в диапазоне AM/FM.  
Все это заключено только в стержне антенны.

7680210

TRIPLEX

AM-FM / GSM / GPS

O.E. SUPPLY  
FORNITO  
DI SERIE



REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos



L = 5 m  
Z = 50Ω  
C = 101 pF/m



L = 5 m  
Z = 50Ω  
C = 100 pF/m





FME F



SMB F



HC97 F



41 cm



60°



AM/FM= 12V  
GPS = 3-5V



GSM= 890 MHz - 960 MHz/1710 MHz - 1880 MHz  
AM= 0,52 MHz - 1,71 MHz  
FM= 76 MHz - 108 MHz  
GPS= 1575,42 ± 1,023 MHz



GSM= 0dB  
GPS= ≥ 27dB



AM/FM= 42mA  
GPS= < 35mA



GSM= 8W



L = 9,8 cm  
B = 5 cm



7551027



15 mm  
R= 2 mm



Ø 19 mm



GSM= TX ≤ 1,5:1  
RX ≤ 2:1  
GPS= ≤ 2:1



Cavi adattatori (vedi pag 34/40)  
Adapter cables (see pag 34/40)  
Adapaterkabel (siehe Seite 34/40)  
Cables adaptateurs (voir page 34/40)  
Cables adaptadores (ver pág 34/40)

7727008

SHARK TRIPLEX

FM / GSM-UMTS / GPS



REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos



L = 5 m  
Z = 50Ω  
C = 101 pF/m



L = 5 m  
Z = 50Ω  
C = 100 pF/m





FME F



SMB F



HC97 F



FM= 12V  
GPS= 3-5V



FM = 88,0 – 108 MHz  
GSM= 890 MHz - 960 MHz/1710 MHz - 1880 MHz  
UMTS = 1900 – 2170 MHz  
GPS= 1575,42 ± 1,023 MHz



GSM= 0dB  
GPS ≥ 22 dBi



FM = 45 ± 5 mA  
GPS = 30 mA max



GSM= 4W



L = 6 cm  
B = 4,5 cm  
H = 5 cm



15 mm  
R= 2 mm



Ø 19 mm



GSM= TX < 2:1  
RX < 2,5:1  
GPS= ≤ 2:1



Cavi adattatori (vedi pag 34/40)  
Adapter cables (see pag 34/40)  
Adapaterkabel (siehe Seite 34/40)  
Cables adaptateurs (voir page 34/40)  
Cables adaptadores (ver pág 34/40)

05 Antenne Multifunzione / Multi-function antennas / Mehrfunktions-Antennen  
Antennes multi-fonction / Antenas multi-función / Мульти-функциональные антенны

7727007

SHARK TWIN SAT

FM / GPS



REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos



L = 5 m  
Z = 50Ω  
C = 100 pF/m





SMB F



HC97 F



FM= 12V  
GPS= 3-5V



FM = 88,0 – 108 MHz  
GPS= 1575,42 ± 1,023 MHz



GPS ≥ 22 dBi



FM = 45 ± 5 mA  
GPS = 30 mA max



L = 6 cm  
B = 4,5 cm  
H = 5 cm



15 mm  
R= 2 mm



Ø 19 mm



GPS= ≤ 2:1



Cavi adattatori (vedi pag 34/40)  
Adapter cables (see pag 34/40)  
Adapaterkabel (siehe Seite 34/40)  
Cables adaptateurs (voir page 34/40)  
Cables adaptadores (ver pág 34/40)

7677801

SHARK TWIN

FM / GSM-UMTS



REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos



L = 5 m  
Z = 50Ω  
C = 101 pF/m





FME F



HC97 F



12V



12V



FM = 88,0 – 108 MHz  
GSM= 890 MHz - 960 MHz/1710 MHz - 1880 MHz  
UMTS = 1900 – 2170 MHz



GSM= 0dB



FM = 45 ± 5 mA



GSM= 4W



L = 6 cm  
B = 4,5 cm  
H = 5 cm



15 mm  
R= 2 mm



Ø 19 mm



GSM= TX < 2:1  
RX < 2,5:1



Cavi adattatori (vedi pag 34/40)  
Adapter cables (see pag 34/40)  
Adapaterkabel (siehe Seite 34/40)  
Cables adaptateurs (voir page 34/40)  
Cables adaptadores (ver pág 34/40)

Autogood products internet store <http://130.com.ua>

7687052

TWIN 16 V BLOCK

AM-FM / GSM

REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 5 m  
Z = 50Ω  
C = 101 pF/m

\*

FME F

HC97 F

41 cm

60°

PHANTOM

AM= 0,52 MHz - 1,71 MHz  
FM= 76 MHz - 108 MHz  
GSM= 890 MHz - 960 MHz/1710 MHz - 1880 MHz

GSM= 0dB

AM/FM= ≤60mA

GSM= 8W

L = 6 cm  
B = 4,3 cm

15 mm  
R= 2 mm  
Ø19 mm

GSM= TX < 1,5:1  
RX < 2,0:1

\*  
Cavi adattatori (vedi pag 34/40)  
Adapter cables (see pag 34/40)  
Adapaterkabel (siehe Seite 34/40)  
Câbles adaptateurs (voir page 34/40)  
Cables adaptadores (ver pág 34/40)

7687009

TWIN TOP

AM-FM / GSM

FRONT ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 3 m  
Z = 50Ω  
C = 101 pF/m

L = 3 m  
Z = 75Ω  
C = 67 pF/m

FME F

ISO

41 cm

0-90°

FM= 12V

AM= 0,52 MHz - 1,71 MHz  
FM= 87,5 MHz - 108 MHz  
GSM= 890 MHz - 960 MHz/1710 MHz - 1880 MHz

GSM= 0dB

AM/FM ≤60mA

GSM= 8W

L = 4,2 cm  
B = 3,7 cm

7551023

Ø 4,7 mm  
Ø 8 mm  
14 mm

GSM= TX ≤ 2:1  
RX ≤ 2:1

7727001

SHARK DUPLEX

GSM-UMTS / GPS

O.E. SUPPLY  
FORNITO  
DI SERIE

REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 5 m  
Z = 50Ω  
C = 101 pF/m

L = 5 m  
Z = 50Ω  
C = 100 pF/m

FME F

SMB F

GPS= 3-5V

GSM= 880 MHz - 960 MHz/1710 MHz - 1880 MHz  
UMTS = 1900 - 2170 MHz  
GPS= 1575,42 ± 1,023 MHz

GSM= 0dB  
GPS ≥ 22 dBi

GPS = 30 mA max

GSM= 4W

L = 6 cm  
B = 4,5 cm  
H = 5 cm

15 mm  
R= 2 mm  
Ø19 mm

GSM= TX < 2:1  
RX < 2,5:1  
GPS= ≤ 2:1

Cavi adattatori (vedi pag 34/40)  
Adapter cables (see pag 34/40)  
Adapaterkabel (siehe Seite 34/40)  
Câbles adaptateurs (voir page 34/40)  
Cables adaptadores (ver pág 34/40)

7730175 (INTERNAL)

7730220 (WATER RESISTANT)

LUNEX

GSM-UMTS / GPS

PATCH ANTENNA

UNIVERSAL

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 3,5 m  
Z = 50Ω  
C = 100 pF/m

L = 3,5 m  
Z = 50Ω  
C = 100 pF/m

FME F

SMB F

GPS= 3-5V

GSM = 880 MHz - 960 MHz  
DCS = 1710 MHz - 1880 MHz  
AMPS = 824 - 894 MHz  
PCS = 1850 - 1990 MHz  
UMTS = 1900 - 2170 MHz  
GPS = 1575,42 ± 1,023 MHz

GSM = 0 dB  
GPS = ≥ 22 dBi

GPS = 30 mA max

GSM = 4 W max

L = 10 cm  
B = 5 cm  
H = 1,4 cm

Interno adesivo a vetro - Internal adhesive on-glass  
Intern on-glass Kleb-Einbau - A verre intérieur, adhésif  
Para cristal a l'interior, adhesivo  
Внутренняя, клеящая на стекло

NOTE

**GSM-UMTS Aerials / GPS Aerials**  
**GSM-UMTS Antennen / GPS Antennen**  
**Antennes GSM-UMTS / Antennes GPS**  
**Antenas GSM-UMTS / Antenas GPS**  
**GSM-UMTS антенны / GPS антенны**



# Antenne GSM-UMTS

# Antenne GPS

**10** Antenne GSM / GSM antennas / GSM Antennen / Antennes GSM / Antenas GSM / GSM антенны

**11** Antenne GSM con base a vetro / GSM antenna with on-glass base / GSM Antennen mit Scheibenantennenfuß / Antenne GSM avec embase à verre / Antena GSM con base de vidro / GSM антенны на клеющей основе

**12** Antenne GSM con base a forare / GSM antenna with base to drill / GSM Antennen mit Antennenfuß für Bohrung / Antenne GSM avec embase pour perçage / Antena GSM con base por taladro / GSM антенны с основанием для сверления

**13** Antenne GPS / GPS aerial / GPS Antennen / Antennes GPS / Antenas GPS / GPS антенны

L'utilizzo di un'antenna di qualità, integrata ad un sistema di comunicazione mobile, è fondamentale per l'uso ottimale dell'impianto. La qualità superiore delle antenne Calearo si percepisce in ogni condizione ed in ogni luogo. Ad essa si uniscono il ricercato design e l'alta tecnologia.

A top quality antenna, integrated to a mobile communication system, is absolutely required for an optimal use of the whole. The top quality of Calearo's antennas, their refined design and high technology are easily perceivable.

Die Voraussetzung eines leistungsstarken Mobilkommunikationssystems ist die Anwendung einer hochwertigen Antenne. Die Top-Qualität der Calearo Funkantennen sorgt für einwandfreies Senden und Empfangen unter allen Umständen. Dabei bietet Calearo hochwertige Technologie und Design.

L'utilisation d'une antenne de qualité, intégrée à un système de communication véhiculaire, est fondamentale pour un emploi optimal de l'installation. L'excellente qualité des antennes Calearo est perceptible partout et en toute condition. Son design recherché et sa haute technologie sont un autre atout de celles-ci.

La utilización de una antena de calidad, integrada a un sistema de comunicación móvil, es fundamental para el uso del equipo en condiciones óptimas. La calidad superior de las antenas Calearo se percibe en cualquier lugar y bajo cualquier condición, y a la misma se unen un diseño desarrollado y una tecnología muy avanzada.

Использование антенны высшего качества, встроенной в хорошую систему мобильного телефона является существенным для оптимальной и полной эксплуатации всей системы. Высокое качество антенн CALEARO подтверждается везде и в любых условиях. Антенны CALEARO являются привычным элементом в области телекоммуникаций, где превосходный дизайн и высокие технологии постоянно разрабатываются и совершенствуются.

7681086

FLEXY

GSM-UMTS



PATCH ANTENNA  
WATER RESISTANT

Dati Tecnici

Technical Data - Technische Daten

Données techniques - Datos técnicos



RG174  
L = 3,5 m  
Z = 50Ω  
C = 101 pF/m



FMEF



L max = 10,6 cm  
B max = 1,5 cm  
H max = 0,3 cm



0 dB



8 W



GSM= 880-960/1710-1880 Mhz  
UMTS= 1885-2200 Mhz  
AMPS= 824-894 Mhz  
PCS= 1850-1990 Mhz

Interno - Esterno - A vetro  
Internal - External - On glass  
A l'intérieur - A l'extérieur - A verre  
A l'interior - A l'exterior - Para Cristal  
Внутренняя - Внешняя - На стекло

7681057

TRIBAND

GSM-UMTS



PATCH ANTENNA  
WATER RESISTANT

Dati Tecnici

Technical Data - Technische Daten

Données techniques - Datos técnicos



RG174  
L = 3 m  
Z = 50Ω  
C = 101 pF/m



FMEF



Lmax = 7,7 cm  
Bmax = 5,7 cm  
Hmax = 1 cm



0 dB



10 W



GSM= 880-960/1710-1880 Mhz  
UMTS= 1885-2200 Mhz  
PCS= 1850-1990 Mhz

Interno - Esterno - A vetro  
Internal - External - On glass  
A l'intérieur - A l'extérieur - A verre  
A l'interior - A l'exterior - Para Cristal  
Внутренняя - Внешняя - На стекло

7687020

SHARK PHONE

GSM-UMTS

O.E. SUPPLY  
FORNITO  
DI SERIE



REAR ROOF ANTENNA

Dati Tecnici

Technical Data - Technische Daten

Données techniques - Datos técnicos



RG58  
L = 5 m  
Z = 50Ω  
C = 101 pF/m



FMEF



L = 6 cm  
1/4 lambda



0 dB



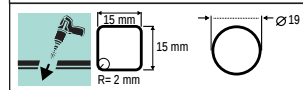
4 W



GSM= 880-960/1710-1880 Mhz  
UMTS= 1900-2170 Mhz



Lmax = 6,0 cm  
Bmax = 4,5 cm  
Hmax = 5,0 cm



15 mm  
15 mm  
R= 2 mm  
Ø19 mm

11 Antenne GSM / GSM antennas / GSM Antennen / Antennes GSM  
Antenas GSM / GSM антенны

7681054

ON-GLASS

GSM



Dati Tecnici

Technical Data - Technische Daten

Données techniques - Datos técnicos



RG58  
L = 5 m  
Z = 50Ω  
C = 101 pF/m



FMEF



L = 5,9 cm  
1/4 lambda



0÷90°



0 dB



10 W



GSM= 880-960/1710-1880 Mhz



7551029



A vetro - On glass - A verre  
Para Cristal - На стекло

7681084

ON-GLASS

GSM



Dati Tecnici

Technical Data - Technische Daten

Données techniques - Datos técnicos



RG58  
L = 5 m  
Z = 50Ω  
C = 101 pF/m



FMEF



L = 25 cm  
collinear



0÷90°



3 dB



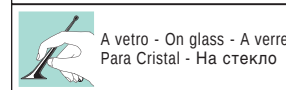
10 W



GSM= 880-960/1710-1880 Mhz



7551032



A vetro - On glass - A verre  
Para Cristal - На стекло

7681085

MAGNETIC

GSM



Dati Tecnici

Technical Data - Technische Daten

Données techniques - Datos técnicos



RG174  
L = 3 m  
Z = 50Ω  
C = 101 pF/m



FMEF



L = 9 cm  
1/4 lambda



0 dB



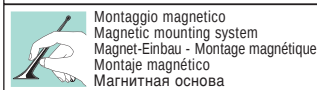
20 W



GSM= 824-960/1710-1880 Mhz



B max = Ø 2,8 cm  
H max = 9 cm



Montaggio magnetico  
Magnetic mounting system  
Magnét-Einbau - Montage magnétique  
Montaje magnético  
Магнитная основа

Autogood products internet store <http://130.com.ua>

|                                                                                                                                                                                  |                                                                                                                                                                                   |                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7681052                                                                                                                                                                          | 7681058                                                                                                                                                                           | 7681056                                                                                                                                                                           |
| ON-ROOF                                                                                                                                                                          | ON-ROOF                                                                                                                                                                           | ON-ROOF                                                                                                                                                                           |
| GSM                                                                                                                                                                              | GSM                                                                                                                                                                               | GSM                                                                                                                                                                               |
|                                                                                                |                                                                                                 |                                                                                                 |
|                                                                                               |                                                                                                |                                                                                                |
| <b>Dati Tecnici</b><br>Technical Data - Technische Daten<br>Données techniques - Datos técnicos                                                                                  | <b>Dati Tecnici</b><br>Technical Data - Technische Daten<br>Données techniques - Datos técnicos                                                                                   | <b>Dati Tecnici</b><br>Technical Data - Technische Daten<br>Données techniques - Datos técnicos                                                                                   |
|  RG58<br>L = 5 m<br>Z = 50Ω<br>C = 101 pF/m                                                    |  FMEF                                                                                          |  RG58<br>L = 5 m<br>Z = 50Ω<br>C = 101 pF/m                                                    |
|  FMEF                                                                                         |  FMEM                                                                                          |  FMEF                                                                                          |
|  L = 5,9 cm 1/4 lambda                                                                         |  L = 5,9 cm 1/4 lambda                                                                         |  L = 25 cm collinear                                                                           |
|  0 dB  10 W |  0 dB  10 W |  3 dB  10 W |
|  GSM= 880-960/1710-1880 Mhz                                                                    |  GSM= 880-960/1710-1880 Mhz                                                                    |  GSM= 880-960/1710-1880 Mhz                                                                    |
|  7551029                                                                                       |  7551029                                                                                       |  7551032                                                                                       |
|  Ø 14 mm                                                                                       |  Ø 14 mm                                                                                       |  Ø 14 mm                                                                                       |

|                                                                                                                                                                                                          |                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7727004                                                                                                                                                                                                  | 7757001                                                                                                                                                                                                  |
| SHARK SAT                                                                                                                                                                                                | NAVI                                                                                                                                                                                                     |
| GPS                                                                                                                                                                                                      | GPS                                                                                                                                                                                                      |
|                                                                                                                       |                                                                                                                      |
|                                                                                                                      |                                                                                                                                                                                                          |
| REAR ROOF ANTENNA                                                                                                                                                                                        |                                                                                                                                                                                                          |
| <b>Dati Tecnici - Technical Data - Technische Daten</b><br>Données techniques - Datos técnicos                                                                                                           | <b>Dati Tecnici - Technical Data - Technische Daten</b><br>Données techniques - Datos técnicos                                                                                                           |
|  L = 5 m<br>Z = 50Ω<br>C = 100 pF/m                                                                                 |  L = 3,5 m<br>Z = 50Ω<br>C = 95 pF/m                                                                                |
|  SMB F                                                                                                              |  SMB F                                                                                                              |
|                                                                                                                                                                                                          |  GPS= 3-5V                                                                                                          |
|  GPS= 1575,42 ± 1,023 MHz                                                                                           |  GPS= 1575,42 ± 1,023 MHz                                                                                           |
|  GPS ≥ 22 dBi  GPS = 30 mA max |  GPS ≥ 22 dBi  GPS = 30 mA max |
|  L = 6 cm<br>B = 4,5 cm<br>H = 5 cm                                                                                 |  L = 5 cm<br>B = 4,2 cm<br>H = 1,45 cm                                                                              |
|  15 mm<br>R= 2 mm                                                                                                   |  15 mm<br>Ø19 mm                                                                                                    |
|  VSWR ≤ 2:1                                                                                                         |  VSWR ≤ 2:1                                                                                                         |
| <b>Cavi adattatori (vedi pag 37/38)</b><br>Adapter cables (see pag 37/38)<br>Adapaterkabel (siehe Seite 37/38)<br>Câbles adaptateurs (voir page 37/38)<br>Cables adaptadores (ver pág 37/38)             | <b>Cavi adattatori (vedi pag 37/38)</b><br>Adapter cables (see pag 37/38)<br>Adapaterkabel (siehe Seite 37/38)<br>Câbles adaptateurs (voir page 37/38)<br>Cables adaptadores (ver pág 37/38)             |

O.E. SUPPLY  
FORNITO  
DI SERIE

WATER RESISTANT  
MAGNETIC

UNIVERSAL

| 7750004                                                                                                                      |                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NAVI SMALL                                                                                                                   |                                                                                                                                                                                       |
| GPS                                                                                                                          |                                                                                                                                                                                       |
|                                            |                                                                                                                                                                                       |
| INTERNAL                                                                                                                     |                                                                                                                                                                                       |
| UNIVERSAL                                                                                                                    |                                                                                                                                                                                       |
| Dati Tecnici - Technical Data - Technische Daten<br>Données techniques - Datos técnicos                                      |                                                                                                                                                                                       |
| <br>L = 3,5 m<br>Z = 50Ω<br>C = 100 pF/m   |                                                                                                                                                                                       |
| <br>SMB F                                  |                                                                                                                                                                                       |
| <br>GPS = 3 – 5 V                         |                                                                                                                                                                                       |
| <br>GPS = 1575,42 ± 1,023 MHz              |                                                                                                                                                                                       |
| <br>GPS = ≥ 22 dBi                         | <br>GPS = 22 mA max                                                                                |
| <br>L = 3,5 cm<br>B = 4,5 cm<br>H = 1,3 cm |                                                                                                                                                                                       |
| <br>VSWR ≤ 2:1                             | Montaggio adesivo - Adhesive mounting<br>Kleb-Einbau - Montage adhésif<br>Montaje adhesivo - Клеящая основа                                                                           |
|                                                                                                                              | Cavi adattatori (vedi pag 37/38)<br>Adapter cables (see pag 37/38)<br>Adapaterkabel (siehe Seite 37/38)<br>Câbles adaptateurs (voir page 37/38)<br>Cables adaptadores (ver pág 37/38) |

| 7750005                                                                                                                       |                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NAVI SMALL                                                                                                                    |                                                                                                                                                                                       |
| GPS                                                                                                                           |                                                                                                                                                                                       |
|                                            |                                                                                                                                                                                       |
| WATER RESISTANT<br>MAGNETIC                                                                                                   |                                                                                                                                                                                       |
| UNIVERSAL                                                                                                                     |                                                                                                                                                                                       |
| Dati Tecnici - Technical Data - Technische Daten<br>Données techniques - Datos técnicos                                       |                                                                                                                                                                                       |
| <br>L = 3,5 m<br>Z = 50Ω<br>C = 100 pF/m   |                                                                                                                                                                                       |
| <br>SMB F                                  |                                                                                                                                                                                       |
| <br>GPS = 3 – 5 V                        |                                                                                                                                                                                       |
| <br>GPS = 1575,42 ± 1,023 MHz              |                                                                                                                                                                                       |
| <br>GPS = ≥ 22 dBi                         | <br>GPS = 22 mA max                                                                              |
| <br>L = 3,5 cm<br>B = 4,5 cm<br>H = 1,3 cm |                                                                                                                                                                                       |
| <br>VSWR ≤ 2:1                             | Montaggio magnetico<br>Magnetic mounting system<br>Magnet-Einbau - Montage magnétique<br>Montaje magnético<br>Магнитная основа                                                        |
|                                                                                                                               | Cavi adattatori (vedi pag 37/38)<br>Adapter cables (see pag 37/38)<br>Adapaterkabel (siehe Seite 37/38)<br>Câbles adaptateurs (voir page 37/38)<br>Cables adaptadores (ver pág 37/38) |

AM/FM Aerials  
AM/FM Antennen  
Antennes AM/FM  
Antenas AM/FM  
AM/FM Антенны

# Antenne AM/FM



- 16 Antenne da tetto anteriori / Front roof aerials /  
Fronteinbau-Dachantennen Antennes de toit avant /  
Antenas de techo anteriores / Антенны на переднюю  
часть крыши

18 Antenne da tetto posteriori / Rear roof aerials /  
Heckeinbau-Dachantennen / Antennes de toit arrière /  
Antenas de techo posteriores / Антенны на заднюю  
часть крыши

20 Antenne da montante / Pillar aerials / Holmantennen  
Antennes de montant / Antenas laterales / Антенны на  
водосток
- 22 Antenne elettroniche da vetro interne / On-glass  
electronic aerials Elektronische Scheibenantennen /  
Antennes électroniques à verre / Antenas electrónicas  
de vidrio / Внутренние антенны на ветровое стекло

23 Antenne da parafango ad asta telescopica / Wing aerials  
with telescope Seitenantennen mit Teleskop / Antennes  
d'aile avec brin télescopique / Antenas de guardabarros  
con varilla telescópica / Телескопические антенны

24 Antenne da parafango elettriche automatiche / Wing  
electric aerials Seitenmotorantennen / Antennes d'aile  
automatiques / Antenas de guardabarros eléctricas /  
Автоматические антенны

La qualità delle antenne e dei cavi Calearo crea un sistema di ricezione tale da ottimizzare l'ascolto dell'autoradio sfruttando tutte le caratteristiche del Vostro apparecchio.  
... anche la più semplice antenna da predisposizione Calearo Vi augura un buon ascolto!

The quality of Calearo's aerials and cables creates a reception system which optimises listeningwhile making the most of your car radio's features.  
... even the simplest of Calearo's aerials wishes you good listening!

Die Antennen und Kabel von Calearo ermöglichen höchste Empfangsqualität und deswegen ein optimales Radiohören, indem alle Eigenschaften des Geräts ausgenützt werden.  
... auch mit der einfachsten Calearo- Antenne ist das Hörvergnügen garantiert!

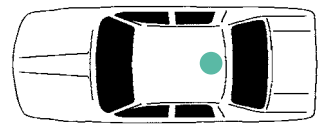
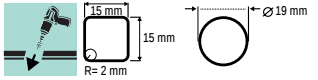
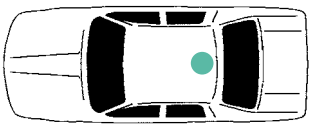
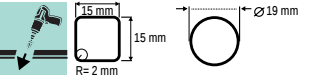
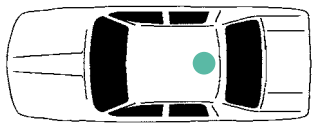
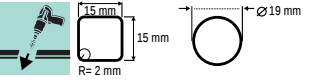
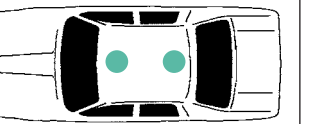
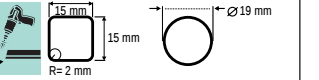
La qualité des antennes et des câbles Calearo crée un système de réception permettant d'optimiser l'écoute de l'autoradio en exploitant toutes les caractéristiques de votre appareil.  
... même l'antenne la plus simple prédisposée par Calearo vous promet une bonne écoute !

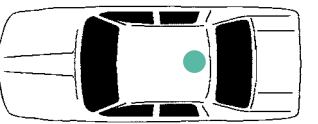
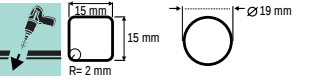
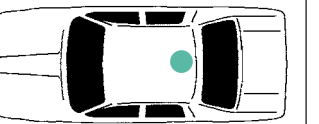
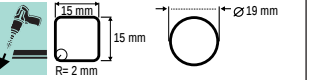
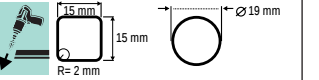
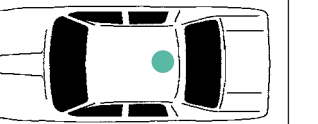
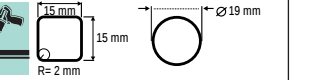
La calidad de las antenas y de los cables Calearo crea un sistema de recepción tal que optimiza el sonido del autoradio aprovechando todas las características de vuestro aparato.  
¡... incluso la más simple antena Calearo les desea una buena recepción!

Качество антенн и кабелей CALEARO играет важную роль в достижении превосходного приема радио сигнала.  
... даже простая антенна CALEARO обеспечит Вам высококачественный радио прием!

|                                                                                                                                                                                                   |                                                                                                                                                                                                    |                                                                                                                                                                                                    |                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>7657009</div> <div></div>                                                                                  | <div>7657015</div> <div></div>                                                                                   | <div>7657019</div> <div></div>                                                                                   | <div>7657021</div> <div></div>                                                                                     |
| <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                               | <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                                | <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                                | <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                                    |
| <div> L = 41 cm  0÷90°</div> | <div> L = 41 cm  0÷90°</div> | <div> L = 41 cm  0÷90°</div> | <div> L = 41 cm  0÷90°</div> |
| <div>FORD</div>                                                                                                                                                                                   | <div>FIAT Punto →'01- ALFA - LANCIA/Y →'01</div>                                                                                                                                                   | <div>FIAT Scudo/Ulisse - PEUGEOT</div>                                                                                                                                                             | <div>FIAT Palio -Bravo/a -Marea -Fiat Multipla</div>                                                                                                                                                   |
| <div></div>                                                                                                    | <div></div>                                                                                                     | <div></div>                                                                                                    | <div></div>                                                                                                       |
| <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                     | <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                     | <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                     | <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                       |
| <div> Ø4,7mm*<br/>Ø8 mm<br/>14 mm</div>                                                                         | <div> Ø4,7mm<br/>Ø10,2 mm<br/>M6</div>                                                                          | <div> Ø4,7mm<br/>Ø10,2 mm<br/>14 mm</div>                                                                       | <div> Ø10,2 mm</div>                                                                                              |
| <div> 7552012</div>                                                                                             | <div> 7552012</div>                                                                                             | <div> 7552012</div>                                                                                             | <div> 7552012</div>                                                                                               |

|                                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>7657008</div> <div></div>                                                                                     | <div>7657016</div> <div></div>                                                                                     | <div>7651006</div> <div></div>                                                                                     | <div>7657020</div> <div></div>                                                                                     | <div>7667001</div> <div></div>                                                                                     |
| <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                                    | <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                                    | <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                                    | <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                                    | <div>Dati Tecnici</div> <div>Technical Data - Technische Daten</div> <div>Données techniques - Datos técnicos</div>                                                                                    |
| <div> L = 2,45 m<br/>Z = 130Ω<br/>C = 36 pF/m</div>                                                               | <div> L = 2,70 m<br/>Z = 130Ω<br/>C = 36 pF/m</div>                                                               | <div> L = 2,70 m<br/>Z = 130Ω<br/>C = 36 pF/m</div>                                                               | <div> L = 2,70 m<br/>Z = 130Ω<br/>C = 36 pF/m</div>                                                               | <div> L = 2,1 m<br/>Z = 130Ω<br/>C = 36 pF/m</div>                                                                |
| <div> L = 41 cm  0÷90°</div> | <div> L = 41 cm  0÷90°</div> | <div> L = 84 cm  0÷90°</div> | <div> L = 41 cm  0÷90°</div> | <div> L = 36 cm  0÷90°</div> |
| <div>UNIVERSAL</div>                                                                                                                                                                                   | <div>RENAULT</div>                                                                                                                                                                                     | <div>UNIVERSAL</div>                                                                                                                                                                                   | <div>FIAT Punto '01→ - LANCIA/Y '01→<br/>Doblò - Multipla</div>                                                                                                                                        | <div>UNIVERSAL</div>                                                                                                                                                                                   |
| <div></div>                                                                                                       | <div></div>                                                                                                       | <div></div>                                                                                                       | <div></div>                                                                                                       | <div></div>                                                                                                       |
| <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                       | <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                       | <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                       | <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                       | <div> Lmax = 4,2 cm<br/>Bmax = 3,7 cm</div>                                                                       |
| <div> Ø4,7mm*<br/>Ø8 mm<br/>14 mm</div>                                                                           | <div> Ø4,7mm<br/>Ø10,2 mm<br/>14 mm</div>                                                                         | <div> Ø4,7mm<br/>Ø8 mm<br/>14 mm</div>                                                                            | <div> Ø4,7mm<br/>Ø10,2 mm</div>                                                                                   | <div> Ø4,7mm<br/>Ø8 mm<br/>14 mm</div>                                                                            |
| <div> 7552012</div>                                                                                               | <div> 7552012</div>                                                                                               |                                                                                                                                                                                                        | <div> 7552012</div>                                                                                               |                                                                                                                                                                                                        |

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| <div>7677800</div> <div>SHARK RADIO EVOLUTION</div> <div></div> <div><div>Dati Tecnici</div><div>Technical Data - Technische Daten<br/>Données techniques - Datos técnicos</div><div><div>*</div><div></div><div>PHANTOM</div></div><div></div><div>HC87F</div></div> <div>REAR ROOF ANTENNA</div> <div></div> <div><div><div>Lmax = 6,0 cm<br/>Bmax = 4,5 cm<br/>Hmax = 5,0 cm</div></div><div><div>15 mm<br/>15 mm<br/>Ø19 mm<br/>R= 2 mm</div></div></div> <div><div>Cavi adattatori (vedi pag 34)<br/>Adapter cables (see pag 34)<br/>Adaptierkabel (siehe Seite 34)<br/>Câbles adaptateurs (voir page 34)<br/>Cables adaptadores (ver pag 34)</div><div>*</div></div> | <div>7677900</div> <div>O.E. SUPPLY FORNITO DI SERIE</div> <div></div> <div><div>Dati Tecnici</div><div>Technical Data - Technische Daten<br/>Données techniques - Datos técnicos</div><div><div></div><div>PHANTOM</div></div><div></div><div>ISO</div></div> <div>OPEL</div> <div></div> <div><div><div>Lmax = 6,0 cm<br/>Bmax = 4,3 cm</div></div><div><div>15 mm<br/>15 mm<br/>Ø19 mm<br/>R= 2 mm</div></div></div> <div><div>7551019/037</div><div></div></div> | <div>7677906</div> <div></div> <div><div>Dati Tecnici</div><div>Technical Data - Technische Daten<br/>Données techniques - Datos técnicos</div><div><div></div><div>PHANTOM</div></div><div></div><div>DIN</div></div> <div>OPEL</div> <div></div> <div><div><div>Lmax = 6,0 cm<br/>Bmax = 4,3 cm</div></div><div><div>15 mm<br/>15 mm<br/>Ø19 mm<br/>R= 2 mm</div></div></div> <div><div>7551019/037</div><div></div></div> | <div>7677908</div> <div></div> <div><div>Dati Tecnici</div><div>Technical Data - Technische Daten<br/>Données techniques - Datos técnicos</div><div><div></div><div>PHANTOM</div></div><div></div><div>DIN</div></div> <div>ROOF ANTENNA</div> <div></div> <div><div><div>Lmax = 6,0 cm<br/>Bmax = 4,3 cm</div></div><div><div>15 mm<br/>15 mm<br/>Ø19 mm<br/>R= 2 mm</div></div></div> <div><div>7551019/037</div><div></div></div> |
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| <div>7677901</div> <div>O.E. SUPPLY FORNITO DI SERIE</div> <div></div> <div><div>Dati Tecnici</div><div>Technical Data - Technische Daten<br/>Données techniques - Datos técnicos</div><div><div></div><div>PHANTOM</div></div><div></div><div>ISO</div></div> <div>REAR ROOF ANTENNA</div> <div></div> <div><div><div>Lmax = 6,0 cm<br/>Bmax = 4,3 cm</div></div><div><div>15 mm<br/>15 mm<br/>Ø19 mm<br/>R= 2 mm</div></div></div> <div><div>7551019/037</div><div></div></div> | <div>7677907</div> <div></div> <div><div>Dati Tecnici</div><div>Technical Data - Technische Daten<br/>Données techniques - Datos técnicos</div><div><div></div><div>PHANTOM</div></div><div></div><div>DIN</div></div> <div>REAR ROOF ANTENNA</div> <div></div> <div><div><div>Lmax = 6,0 cm<br/>Bmax = 4,3 cm</div></div><div><div>15 mm<br/>15 mm<br/>Ø19 mm<br/>R= 2 mm</div></div></div> <div><div>7551019/037</div><div></div></div> | <div>7677918</div> <div>O.E. SUPPLY FORNITO DI SERIE</div> <div></div> <div><div>Dati Tecnici</div><div>Technical Data - Technische Daten<br/>Données techniques - Datos técnicos</div><div><div></div><div>PHANTOM</div></div><div></div><div>HC87F</div></div> <div>REAR ROOF ANTENNA</div> <div></div> <div><div><div>Lmax = 6,0 cm<br/>Bmax = 4,3 cm</div></div><div><div>15 mm<br/>15 mm<br/>Ø19 mm<br/>R= 2 mm</div></div></div> <div><div>Cavi adattatori (vedi pag 34)<br/>Adapter cables (see pag 34)<br/>Adaptierkabel (siehe Seite 34)<br/>Câbles adaptateurs (voir page 34)<br/>Cables adaptadores (ver pag 34)</div><div>*</div></div> | <div>7677924</div> <div>O.E. SUPPLY FORNITO DI SERIE</div> <div></div> <div><div>Dati Tecnici</div><div>Technical Data - Technische Daten<br/>Données techniques - Datos técnicos</div><div><div></div><div>PHANTOM</div></div><div></div><div>HC87F</div></div> <div>REAR ROOF ANTENNA</div> <div></div> <div><div><div>Lmax = 6,0 cm<br/>Bmax = 4,3 cm</div></div><div><div>15 mm<br/>15 mm<br/>Ø19 mm<br/>R= 2 mm</div></div></div> <div><div>7551019/037</div><div></div></div> |
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7627005

7627006

O.E. SUPPLY  
FORNITO  
DI SERIE



Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 1,7 m  
Z = 130Ω  
C = 36 pF/m

 L = 144,5 cm

SUZUKI Samurai SJ 413  
MAZDA E-2200

 Lmax = 4 cm  
Bmax = 2 cm

7627007

7627008

Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 1,4 m  
Z = 130Ω  
C = 36 pF/m

 L = 144,5 cm

MITSUBISHI Pajero  
NISSAN Patrol

 Lmax = 5,3 cm  
Bmax = 2 cm

7627011

Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 1,7 m  
Z = 130Ω  
C = 36 pF/m

 L = 144,5 cm

DAIHATSU Feroza

 Lmax = 5 cm  
Bmax = 5,2 cm

7627021

Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 2,45 m  
Z = 130Ω  
C = 36 pF/m

 L = 190cm

 0÷90°

CAMION-TRUCKS

 Lmax = 4,2 cm  
Bmax = 3,7 cm

7637004

Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 2,1 m  
Z = 130Ω  
C = 36 pF/m

 L = 98 cm

HONDA-SUZUKI-TOYOTA-ROVER  
ZASTAVA-YUGO

 Lmax = 9,2 cm  
Bmax = 3 cm

7691004

Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 1,4 m  
Z = 150Ω  
C = 63 pF/m

 L = 70 cm

 0÷180°

UNIVERSAL

 Lmax = 3 cm  
Bmax = 4,5 cm

7694003

Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 1,4 m  
Z = 150Ω  
C = 50 pF/m

 L = 71 cm

FIAT Panda-SEAT Marbella

7697004

Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 1,4 m  
Z = 150Ω  
C = 70 pF/m

 L = 64 cm

FIAT Uno→'90

7667002

O.E. SUPPLY  
FORNITO  
DI SERIE



Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

 L = 1,2 m  
Z = 130Ω  
C = 36 pF/m

 L = 38,5 cm

 0÷180°

UNIVERSAL

 Lmax = 2,2 cm  
Bmax = 2,2 cm

 ∅ 9 mm

7697015

DOPPIA AMPLIFICAZIONE  
DOUBLE AMPLIFIED  
Усиление двойного диапазона

Dati Tecnici  
Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 2,4 m  
Z = 150Ω  
C = 85 pF/m

L = 30 cm

UNIVERSAL

Lmax = 6,4 cm  
Bmax = 1,6 cm

7697006

Dati Tecnici  
Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 2,4 m  
Z = 150Ω  
C = 85 pF/m

L = 40 cm

UNIVERSAL

Lmax = 10 cm  
Bmax = 2 cm

7617045  
7617046

Dati Tecnici  
Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 1,5 m  
Z = 130Ω  
C = 36 pF/m

L = 91,5 cm

0÷41°  
0÷30°  
21°

UNIVERSAL

17 mm

7617012  
7617011

Dati Tecnici  
Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 1,5 m  
Z = 130Ω  
C = 36 pF/m

L = 91,5 cm

70°

VW Golf III

Dima di foratura  
Drilling template  
Bohrungsschablone  
Gabarit de perçage  
Plantilla de taladro

7617020

Dati Tecnici  
Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 1,5 m  
Z = 130Ω  
C = 36 pF/m

L = 91,5 cm

66°

VW Passat '88→'93  
TOYOTA 4 Runner

Dima di foratura  
Drilling template  
Bohrungsschablone  
Gabarit de perçage  
Plantilla de taladro

7617024  
7617025

Dati Tecnici  
Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 4,5 m  
Z = 130Ω  
C = 36 pF/m

L = 91,5 cm

43°

MERCEDES W124  
C124 200/300 E/CE

Dima di foratura  
Drilling template  
Bohrungsschablone  
Gabarit de perçage  
Plantilla de taladro

7617030

Dati Tecnici  
Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 91,5 cm

62°

OPEL Astra 2V

Dima di foratura  
Drilling template  
Bohrungsschablone  
Gabarit de perçage  
Plantilla de taladro

Autoguard products internet store: <http://130.com.ua>

7677150

7677151

Dati Tecnici

Technical Data - Technische Daten  
Données techniques - Datos técnicos

CAVO = 50Ω  
L = 1,2 m  
Z = 150Ω  
C = 80 pF/m

5

12V

L = 79 cm

3°  
8°  
15°  
23°  
30°

Lmax = 5,6 cm  
Bmax = 8,5 cm  
Hmax = 17 cm

18 mm

7557008  
7557009

| LISTA DI ADATTABILITÀ · INSTALLATION LIST · EINBAULISTE TABLE<br>DE MONTAGE · LISTA DE MONTAJE · СПИСОК ДЛЯ УСТАНОВКИ |                                                            |     |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----|
| Alfa Romeo 75 - 164 - Alfa Romeo GTV - GTV Spider - Spider dal '90                                                    |                                                            |     |
| Audi 80 - Audi 100/200 → '90 - Audi Cabrio                                                                            |                                                            |     |
| BMW serie 3 (E30 - E36) - BMW serie 5 (E28 - E34)                                                                     |                                                            |     |
| Daewoo Leganza - Lanos - Nubira berlina - Espero                                                                      |                                                            |     |
| Daihatsu Applause                                                                                                     |                                                            |     |
| Fiat Barchetta                                                                                                        |                                                            |     |
| Ford Scorpio - Sierra - Ford Probe - Maverick - Escort cabrio                                                         |                                                            |     |
| Honda Accord 2 volumi - Honda Concerto                                                                                |                                                            |     |
| Hyundai Lantra - Hyundai Sonata - Hyundai Accent - Coupè                                                              |                                                            |     |
| Kia Sephia - Sportage                                                                                                 |                                                            |     |
| Isuzu Tropper                                                                                                         |                                                            |     |
| Lada Samara                                                                                                           |                                                            |     |
| Lancia Kappa - Lancia Prisma - Lancia Tema                                                                            |                                                            |     |
| Mazda 121 - 323 - 626 - 929 - MX5 - RX7 - Xedos 6 - Xedos 9 - MPV                                                     |                                                            |     |
| Mitsubishi Pajero - Mitsubishi Eclipse                                                                                |                                                            |     |
| Nissan Maxima - Nissan Primera                                                                                        |                                                            |     |
| Opel Astra cabrio                                                                                                     |                                                            |     |
| Peugeot 306 - 405 - 505 - 605                                                                                         |                                                            |     |
| Porsche 911/Carrera - Porsche 924/944 - Porsche 928                                                                   |                                                            |     |
| Land Rover - Range Rover - Rover 214/216 - 416 - Serie 8                                                              |                                                            |     |
| Saab 900 Cabrio '94 → - 9-3 / Saab 9000 - 9-5                                                                         |                                                            |     |
| Seat Ibiza → 8/'93 - Malaga                                                                                           |                                                            |     |
| Skoda Favorit                                                                                                         |                                                            |     |
| Ssangyong MJ                                                                                                          |                                                            |     |
| Subaru Impreza - Legacy                                                                                               |                                                            |     |
| Toyota Camry - Carina - Celica - Land Cruiser '85 ← → '89 - MR2                                                       |                                                            |     |
| Volkswagen Derby - Golf 1 e 2 - Jetta - Passat → '88 - Polo → '94                                                     |                                                            |     |
| Volvo 440 - 460 - 740 - 760 - 780 - 850 - 940 - C70                                                                   |                                                            |     |
| KIT PERSONALIZZAZIONE · CUSTOMIZED KITS · SPEZIFISCHE KITS<br>KITS SPÉCIFIQUES · KITS ESPECÍFICOS · ШТАТНЫЕ КОМПЛЕКТЫ |                                                            |     |
| 7541009                                                                                                               | Mercedes W124 200/250E/CE                                  | 43° |
| 7541010                                                                                                               | Mercedes S124 OPEL ASTRA 3/5 porte                         | 62° |
| 7541011                                                                                                               | Mercedes W202 Classe C                                     | 41° |
| 7541012                                                                                                               | Volvo S40                                                  | 48° |
| 7541013                                                                                                               | Volkswagen Golf III 7-'91 →                                | 70° |
| 7541015                                                                                                               | Mercedes W201 LANCIA DEDRA                                 | 26° |
| 7542051                                                                                                               | Snodo sferico - Ball joint - Kugelgelenk - Joint sphérique |     |

Antennas for car TV systems  
Antennen für Fern-sehsysteme im Auto  
Antennes pour systèmes TV en auto  
Antenas para sistemas TV en el coche  
Антенны для автомобильных ТВ систем

# Antenne per sistemi TV in auto

26 Antenne per sistemi TV in auto / Antennas for car TV systems / Antennen für Fernsehsysteme im Auto / Antennes pour systèmes TV en auto / Antenas por sistemas TV en el coche / Антенны для автомобильных ТВ систем

Calearo offre una linea di antenne per la ricezione ottimale di sistemi TV digitali ed analogici (DTTV, DTV, DVB). Un'unica antenna a funzione multipla implica la riduzione degli interventi sulla carrozzeria con conseguenti vantaggi estetici ed economici; la semplicità di installazione velocizza le procedure anche nel caso di sostituzione dell'antenna preesistente. In materia di sicurezza, un'antenna multifunzione ad asta unica assicura la massima discrezione, evitando di rivelare la presenza all'interno dell'auto di sofisticati impianti.

Calearo offers a series of antennas for optimal reception of digital and analogue TV systems (DTTV, DTV, DVB). A single multifunctional aerial means less piercing of the bodywork with cost reduction and aesthetic advantages. Simpler installation makes any necessary substitution of the aerial much quicker as well. As to security, a single-rod multifunctionl aerial guarantees maximum discretion in that it does not reveal the presence of sophisticated equipment inside of the car.

Die Anwendung einer einzigen Multifunktionsantenne bedeutet zudem lediglich die Montage durch eine einzige Einbaubohrung an der Karosserie, was wirtschaftlicher und optisch vorteilhafter ist. Durch diese einfache Installation wird auch das Ersetzen der eventuell vorhandenen Antenne noch schneller. Vom Sicherheitsstandpunkt aus, ermöglicht die Multifunktionsantenne mit einem Stab die höchste Diskretion: niemand kann vom außen erkennen, welche hochmoderne Anlagen im Fahrzeug installiert sind

Calearo offre une ligne d'antennes pour la réception optimale de systèmes TV digitaux et analogiques (DTTV, DTV, DVB). Une unique antenne à fonction multiple implique la réduction des interventions sur la carrosserie avec avantages esthétiques et économiques conséquents; la simplicité d'installation accélère les procédures, même en cas de substitution de l'antenne préexistante. En matière de sécurité, une antenne multifonction à un seul fouet assure une très grande discrétion et évite de révéler la présence de systèmes sophistiqués à l'intérieur du véhicule.

Calearo ofrece una línea de antenas para la óptima recepción de sistemas TV digital y analógicos (DTTV, DTV, DVB). Una única antena multifuncional implica la reducción de intervenciones en la carrocería con consiguientes ventajas tanto estéticas como económicas; la simplicidad de instalación acelera los procedimientos, incluso si se trata de sustituir la antena preexistente. En materia de seguridad, una antena multifuncional de una varilla única asegura la máxima discreción, evitando revelar la presencia de sofisticados equipos dentro del coche.

CALEARO предлагает линейку антенн для приема телевизионного сигнала как цифрового так и аналогового (DTTV, DTV, DVB). Сигнал мульти-функциональной антенны имеет высокую шумо-устойчивость рабочих компонентов наряду с преимуществом в отношении цены и качества. Монтаж антенн удобен и прост. С точки зрения безопасности один стержень мульти-функциональной антенны гарантирует максимальную безопасность, одновременно не препятствуя работе сложного внутреннего оборудования.

7137121

DARK TV ANTENNA

FOR ANALOGUE TV RECEIVER



INTERNAL

Dati Tecnici - Technical Data - Technische Daten

Données techniques - Datos técnicos



L = 3 m  
Z = 75Ω



Cavi adattatori (vedi pag 38)  
Adapter cables (see pag 38)  
Adapaterkabel (siehe Seite 38)  
Câbles adaptateurs (voir page 38)  
Cables adaptadores (ver pág 38)



TV=12V



44 – 68 MHz  
174 – 230 MHz (III band)  
470 – 862 MHz (IV and V band)



14 ± 2 dB



25 mA min  
35 mA max



Lmax = 28 cm  
Bmax = 2,5 cm  
Hmax = 1,5 cm

Interno adesivo a vetro - Internal adhesive on-glass  
Intern on-glass Kleb-Einbau - A verre intérieur, adhésif  
Para cristal a l'interior, adhesivo  
Внутренняя, клеящая на стекло

Low Noise Figure (dB)  
difference between the SNR (signal/noise ratio)  
at the input and at the output of the amplifier

7137124

DARK TV ANTENNA

FOR DIGITAL TERRESTRIAL TV RECEIVER

NEW



INTERNAL

Dati Tecnici - Technical Data - Technische Daten

Données techniques - Datos técnicos



L = 5 m  
Z = 75Ω



F - M



TV=5V



44 – 68 MHz  
174 – 230 MHz (III band)  
470 – 862 MHz (IV and V band)



14 ± 2 dB



25 mA min  
35 mA max



Lmax = 28 cm  
Bmax = 2,5 cm  
Hmax = 1,5 cm

Interno adesivo a vetro - Internal adhesive on-glass  
Intern on-glass Kleb-Einbau - A verre intérieur, adhésif  
Para cristal a l'interior, adhesivo  
Внутренняя, клеящая на стекло

Low Noise Figure (dB)  
difference between the SNR (signal/noise ratio)  
at the input and at the output of the amplifier

7137128

DARK TV ANTENNA

FOR DIGITAL TERRESTRIAL TV RECEIVER

NEW



INTERNAL

Dati Tecnici - Technical Data - Technische Daten

Données techniques - Datos técnicos



L = 5 m  
Z = 75Ω



F - M



TV=12V



44 – 68 MHz  
174 – 230 MHz (III band)  
470 – 862 MHz (IV and V band)



14 ± 2 dB



25 mA min  
35 mA max



Lmax = 28 cm  
Bmax = 2,5 cm  
Hmax = 1,5 cm

Interno adesivo a vetro - Internal adhesive on-glass  
Intern on-glass Kleb-Einbau - A verre intérieur, adhésif  
Para cristal a l'interior, adhesivo  
Внутренняя, клеящая на стекло

Low Noise Figure (dB)  
difference between the SNR (signal/noise ratio)  
at the input and at the output of the amplifier

27

Antenne per sistemi TV in auto / Antennas for car TV systems  
Antennen für Fernsehsysteme im Auto / Antennes pour systèmes TV en auto  
Antenas por sistemas TV en el coche / Антенны для автомобильных ТВ систем

7137122

LIGHT TV ANTENNA

FOR ANALOGUE TV RECEIVER



TRANSPARENT FLEXIBLE

INTERNAL

Dati Tecnici - Technical Data - Technische Daten

Données techniques - Datos técnicos



L = 3 m  
Z = 75Ω



Cavi adattatori (vedi pag 38)  
Adapter cables (see pag 38)  
Adapaterkabel (siehe Seite 38)  
Câbles adaptateurs (voir page 38)  
Cables adaptadores (ver pág 38)



TV=12V



44 – 68 MHz  
174 – 230 MHz (III band)  
470 – 862 MHz (IV and V band)



14 ± 2 dB



25 mA min  
35 mA max



Lmax = 28 cm  
Bmax = 2,5 cm  
Hmax = 1,5 cm

Interno adesivo a vetro - Internal adhesive on-glass  
Intern on-glass Kleb-Einbau - A verre intérieur, adhésif  
Para cristal a l'interior, adhesivo  
Внутренняя, клеящая на стекло

Low Noise Figure (dB)  
difference between the SNR (signal/noise ratio)  
at the input and at the output of the amplifier

7137125

LIGHT TV ANTENNA

FOR DIGITAL TERRESTRIAL TV RECEIVER

NEW



TRANSPARENT FLEXIBLE

INTERNAL

Dati Tecnici - Technical Data - Technische Daten

Données techniques - Datos técnicos



L = 5 m  
Z = 75Ω



F - M



TV=5V



44 – 68 MHz  
174 – 230 MHz (III band)  
470 – 862 MHz (IV and V band)



14 ± 2 dB



25 mA min  
35 mA max



Lmax = 28 cm  
Bmax = 2,5 cm  
Hmax = 1,5 cm

Interno adesivo a vetro - Internal adhesive on-glass  
Intern on-glass Kleb-Einbau - A verre intérieur, adhésif  
Para cristal a l'interior, adhesivo  
Внутренняя, клеящая на стекло

Low Noise Figure (dB)  
difference between the SNR (signal/noise ratio)  
at the input and at the output of the amplifier

7137126

LIGHT TV ANTENNA

FOR DIGITAL TERRESTRIAL TV RECEIVER

NEW



TRANSPARENT FLEXIBLE

INTERNAL

Dati Tecnici - Technical Data - Technische Daten

Données techniques - Datos técnicos



L = 5 m  
Z = 75Ω



F - M



TV=12V



44 – 68 MHz  
174 – 230 MHz (III band)  
470 – 862 MHz (IV and V band)



14 ± 2 dB



25 mA min  
35 mA max



Lmax = 28 cm  
Bmax = 2,5 cm  
Hmax = 1,5 cm

Interno adesivo a vetro - Internal adhesive on-glass  
Intern on-glass Kleb-Einbau - A verre intérieur, adhésif  
Para cristal a l'interior, adhesivo  
Внутренняя, клеящая на стекло

Low Noise Figure (dB)  
difference between the SNR (signal/noise ratio)  
at the input and at the output of the amplifier

Autogood products internet store <http://130.com.ua>

7747001

BI-TV

AM-FM /  
ANALOGUE AND DIGITAL  
TERRESTRIAL TV

REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 5 m  
Z = 75Ω

\*

Mini Jack Mono  
Ø 3.5 mm

HC97 F

41 cm

60°

AM - FM  
TV = 12V

AM - FM

44 - 68 MHz  
174 - 230 MHz (III band)  
470 - 862 MHz (IV and V band)  
AM= 0.52 MHz - 1.71 MHz  
FM= 87.5 MHz - 108 MHz

TV= 20±1dB

AM - FM = 50 mA max  
TV= 38mA

L = 6 cm  
B = 4,3 cm

7551038

15 mm  
R= 2 mm

Ø 19 mm

Cavi adattatori (vedi pag 34/40)  
Adapter cables (see pag 34/40)  
Adapaterkabel (siehe Seite 34/40)  
Câbles adaptateurs (voir page 34/40)  
Cables adaptadores (ver pág 34/40)

\*

7747002

TRI-TV

AM-FM / GPS /  
ANALOGUE AND DIGITAL  
TERRESTRIAL TV

REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 5 m  
Z = 75Ω

L = 5 m  
Z = 50Ω  
C= 100 pF/m

\*

Mini Jack Mono

SMB F

HC97 F

41 cm

60°

TV = 12V

AM/FM= 12V  
GPS= 3-5V

44 - 68 MHz  
174 - 230 MHz (III band)  
470 - 862 MHz (IV and V band)  
AM= 0.52 MHz - 1.71 MHz  
FM= 87.5 MHz - 108 MHz  
GPS= 1575,42±1,023MHz

TV= 20±1dB

AM - FM = 50 mA max  
TV= 38mA  
GPS = 30 mA max

L = 9,8 cm  
B = 5 cm

7551038

15 mm  
R= 2 mm

Ø 19 mm

VSWR GPS= ≤ 2:1

\*

Cavi adattatori (vedi pag 34/40)  
Adapter cables (see pag 34/40)  
Adapaterkabel (siehe Seite 34/40)  
Câbles adaptateurs (voir page 34/40)  
Cables adaptadores (ver pág 34/40)

Aerials for D.A.B. systems  
Antennen für D.A.B.-Systeme  
Antennes pour systèmes D.A.B.  
Antenas para sistemas D.A.B.  
D.A.B. антенны

# Antenne per sistemi D.A.B.

30 Antenne D.A.B. / D.A.B. aerials / D.A.B. Antennen  
Antennes D.A.B. / Antenas D.A.B. / D.A.B. антенны



D.A.B. è il sistema che permette una ricezione audio di qualità superiore, il sistema digitale consente infatti di superare i limiti di ascolto delle autoradio tradizionali, permettendo una qualità ottimale di ricezione delle trasmissioni radio. Le antenne per i sistemi D.A.B. sono la soluzione ideale per il perfetto utilizzo dello standard di ascolto digitale.

D.A.B. system assures a high quality audio reception. This digital system allows both to exceed the listening limits of the traditional car radios and to assure the same good quality reception as the one of a CD. Calearo's aerials for D.A.B. systems are the ideal solution for a perfect use of digit audio standards.

Das D.A.B. - System ermöglicht die höchste Empfangsqualität: das digitale System gestattet nämlich die Überwindung der Hörgrenzen der herkömmlichen Autoradios und bietet eine optimale Empfangsqualität der Radiosendungen. Die Antennen für die D.A.B. - Systeme sind die ideale Lösung für ein perfektes digitales Hörvergnügen.

D.A.B. est le système qui assure une réception audio de qualité supérieure; le système digital permet en effet de dépasser les limites d'écoute des autoradios traditionnels, ce qui garantit une qualité optimale de réception des transmissions radios. Les antennes pour les systèmes D.A.B. sont la solution idéale pour une utilisation parfaite du standard d'écoute digital.

D.A.B. es el sistema que permite una recepción audio de calidad superior; el sistema digital permite en realidad superar los límites de escucha del autoradio tradicional, asegurando así una cualidad óptima de recepción de la transmisión radio. Las antenas para los sistemas D.A.B. son la solución ideal para una perfecta utilización de los estándares de escucha digital.

D.A.B. - это цифровое радиовещание, которое гарантирует прием сигнала высокого качества. Цифровая система трансляции позволяет передавать и принимать сигнал для прослушивания обычных радио станций и обеспечивает высокое качество звука, как при прослушивании на CD дисках. Антенны для D.A.B. систем, разработанные CALEARO, представляют собой оптимальное и идеальное решение для наилучшего цифрового аудио стандарта.

7677931

16V DAB

DAB

REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 5 m  
Z = 50Ω  
C = 101 pF/m

FME F

41 cm

60°

Mhz

III Band= 174 MHz - 240 MHz  
L Band= 1452 MHz - 1492 MHz

dB

DAB= 0dB

L = 6 cm  
B = 4,3 cm

7551033

15 mm  
R= 2 mm

Ø19 mm

VSWR

III Band= < 10  
L Band= < 2

Cavi adattatori (vedi pag 34/35)  
Adapter cables (see pag 34/35)  
Adapaterkabel (siehe Seite 34/35)  
Câbles adaptateurs (voir page 34/35)  
Cables adaptadores (ver pág 34/35)

7677932

16V COMBI DAB

AM-FM / DAB

REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 5 m  
Z = 50Ω  
C = 101 pF/m

L = 5,6 m  
Z = 75Ω  
C = 67 pF/m

FME F

ISO

41 cm

60°

12V  
PHANTOM

12V  
DAB

Mhz

AM= 0,52 MHz - 1,71 MHz  
FM= 76 MHz - 108 MHz  
III Band= 174 MHz - 240 MHz  
L Band= 1452 MHz - 1492 MHz

dB

III Band= 14 ± 2 db  
L Band= 11 ± 1 db

50mA

L = 6 cm  
B = 4,3 cm

7551040

15 mm  
R= 2 mm

Ø19 mm

VSWR

III Band= < 10  
L Band= < 2

Cavi adattatori (vedi pag 34/35)  
Adapter cables (see pag 34/35)  
Adapaterkabel (siehe Seite 34/35)  
Câbles adaptateurs (voir page 34/35)  
Cables adaptadores (ver pág 34/35)

7677933

DAB INTERNAL

DAB

NEW

TRANSPARENT FLEXIBLE

UNIVERSAL

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 3,5 m  
Z = 50Ω  
C = 101 pF/m

SMB F

12V

DAB= 12V

12V  
PHANTOM

Mhz

III Band= 174 MHz - 240 MHz  
L Band= 1452 MHz - 1492 MHz

dB

III Band= 12 ± 2 db  
L Band= 12 ± 2 db

20 mA min - 50 mA max

L = 28 cm max  
B = 2,5 cm max  
H = 1,5 cm max

Interno adesivo a vetro - Internal adhesive on-glass  
Intern on-glass Kleb-Einbau - A verre intérieur, adhésif  
Para cristal a l'interior, adhesivo  
Внутренняя, клеящая на стекло

7677934

SHARK DAB

DAB

NEW

REAR ROOF ANTENNA

Dati Tecnici - Technical Data - Technische Daten  
Données techniques - Datos técnicos

L = 5 m  
Z = 50Ω  
C = 101 pF/m

FME F

12V

DAB= 12V

Mhz

III Band= 174 - 240 MHz  
L Band= 1452 - 1492 MHz

dB

III Band = 0 dB  
L Band= 14dB

20 mA min - 50 mA max

L = 6 cm  
B = 4,5 cm  
H = 5 cm

15 mm  
R= 2 mm

Ø19 mm

Cavi adattatori (vedi pag 34/35)  
Adapter cables (see pag 34/35)  
Adapaterkabel (siehe Seite 34/35)  
Câbles adaptateurs (voir page 34/35)  
Cables adaptadores (ver pág 34/35)

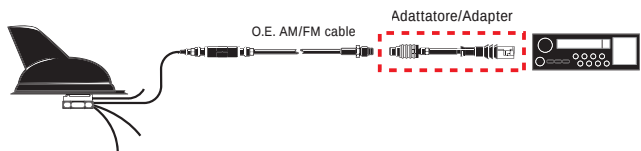
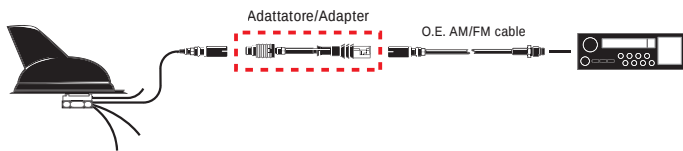
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>34</b> Adattatori AM/FM ai cavi originali / AM/FM adaptors for original cables / AM/FM Adapter für originalen Kabel<br/>Adaptateurs AM/FM pour câbles originaux / Adaptadores AM/FM para cables originales / AM/FM адаптеры для оригинального кабеля</p> <p><b>36</b> Cavi adattatori GSM / GSM Adapter cables / GSM Adapterkabel / Câbles adaptateurs GSM / Cables adaptadores GSM / GSM адаптеры</p> <p><b>37</b> Cavi adattatori GPS / GPS Adapter cables / GPS Adapterkabel / Câbles adaptateurs GPS / Cables adaptadores GPS / GPS адаптеры</p> | <p><b>39</b> Cavi prolunga AM/FM / AM/FM Extension cables / AM/FM Verlängerungskabel / Câbles de rallonge AM/FM / Cables prolongadores AM/FM / AM/FM Удлинители</p> <p><b>40</b> Cavi prolunga GPS-GSM-TV / GPS-GSM-TV Extension cables / GPS-GSM-TV Verlängerungskabel / Câbles de rallonge GPS-GSM-TV / Cables prolongadores GPS-GSM-TV / GPS-GSM-TV Удлинители</p> <p><b>41</b> Connettori AM/FM-GSM-GPS / AM/FM-GSM-GPS Connectors / AM/FM-GSM-GPS Steckverbinder<br/>Connecteurs AM/FM-GSM-GPS / Conectores AM/FM-GSM-GPS / AM/FM-GSM-GPS коннекторы</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                              |       |
|--------------------------------------------------------------|-------|
| 7581065                                                      |       |
|                                                              |       |
| AUDI→'94<br>OPEL→'01                                         |       |
| HC97 M/BP M                                                  | 12 cm |
| 7581067                                                      |       |
|                                                              |       |
| AUDI A3/A4 Avant/A6 Avant→'01<br>VOLVO V40 / BMW Mini -> '05 |       |
| HC97 M/RK M                                                  | 12 cm |
| 7581100                                                      |       |
|                                                              |       |
| Japanese and Korean cars                                     |       |
| HC97 M/DIN                                                   | 15 cm |
| 7581112                                                      |       |
|                                                              |       |
| BMW serie 1 / BMW Mini 2005 > / VW 2006 >                    |       |
| HC97 M<br>FAKRA M cod. A e B                                 | 15 cm |

|                                                  |        |
|--------------------------------------------------|--------|
| 7581066                                          |        |
|                                                  |        |
| FIAT GROUP                                       |        |
| HC97 M/HC M                                      | 12 cm  |
| 7581097                                          |        |
|                                                  |        |
| RENAULT CLIO 2-CLIO 3-MEGANE 2-SCENIC 2<br>MODUS |        |
| HC97 M/HC97 F                                    | 117 cm |
| 7582032                                          |        |
|                                                  |        |
| OPEL '02→                                        |        |
| HC97 M/NO                                        | 20 cm  |
| 7581120                                          |        |
| NEW                                              |        |
|                                                  |        |
| Phantom feeding adapter                          |        |
| HC97 M / HC97 F                                  | 25 cm  |

|                                                         |       |
|---------------------------------------------------------|-------|
| 7181111                                                 |       |
|                                                         |       |
| CHRYSLER 2002→                                          |       |
| NC/ISO                                                  | 23 cm |
| 7581101                                                 |       |
|                                                         |       |
| BMW-MERCEDES-PEUGEOT-OPEL                               |       |
| FAKRA M Black/ISO                                       | 12 cm |
| 7581107                                                 |       |
|                                                         |       |
| Phantom feeding adapter<br>AUDI 2004→/VW GOLF-VW Touran |       |
| FAKRA M Universal/ISO                                   | 25 cm |
| 7581121                                                 |       |
| NEW                                                     |       |
|                                                         |       |
| Phantom feeding adapter                                 |       |
| FAKRA M Universal/ISO                                   | 25 cm |

|                                                                       |       |
|-----------------------------------------------------------------------|-------|
| 7581087                                                               |       |
|                                                                       |       |
| SMART                                                                 |       |
| HC97 F/DIN                                                            | 20 cm |
| 7581102                                                               |       |
|                                                                       |       |
| FOR D.A.B. SYSTEMS<br>ALPINE-BLAUPUNKT-CLARION-GRUNDIG<br>JVC-KENWOOD |       |
| FME M/SMB F 90°                                                       | 12 cm |
| 7581059                                                               |       |
|                                                                       |       |
| Phantom feeding adapter<br>AUDI-VW-SEAT-ŠKODA-FIAT                    |       |
| DIN/ISO                                                               | 25 cm |



7127220



ADAPTER

 FME M/MCX M  20 cm

7581067



Audi A6 only with ref. 7581076

 RK M/HC97 M  12 cm

7581111



ADAPTER

 FAKRA M cod. D / FME F  23 cm

7581105



To connect original aerial AUDI and new BMW 5 series

 FAKRA F 90° cod.D/FME M  20 cm

7581117



Mercedes Benz A Class

 HC97 F / FAKRA M cod. D  17 cm

7581122



NEW

ADAPTER

 FAKRA F cod.D/FME M  20 cm

7581077



ALPINE-BLAUPUNKT-CLARION-GRUNDIG-PHILIPS

 SMB M/GT5 F  12 cm

7581079



BECKER

 SMB M/AK 72  12 cm

7181112



PIONEER

 SMB M/NP  12 cm

7581108



Garmin  
Street Pilot/Street Pilot GPS Color Map/Street Pilot III  
(including adaptor FME M/BNC ref. 7131003)

 SMB M/FME F  50 cm

7581109



TomTom GO / GO 300 / GO 500 / GO 700

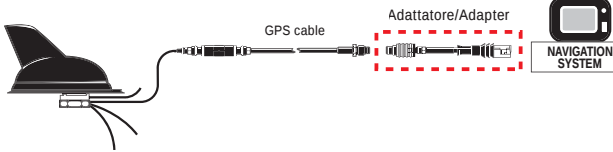
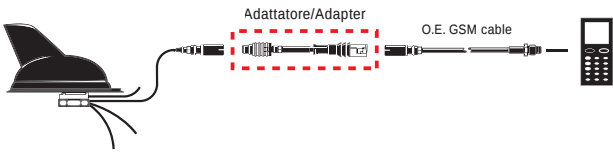
 SMB M/SMA M  12 cm

7581106



Garmin iQue/nüvi/Quest/Street Pilot series  
Navman / VDO MS 2000  
Tom Tom 510-710-910-ONE / BLAUPUNKT "LUCCA"

 SMB M/MCX M  12 cm



7581104



MAGELLAN  
TIBO

 SMB M / SMB M  15 cm

7582051



ACER / MIO / NAVMAN / Via Michelin X930-X950-X980  
Becker Traffic Assist 7914

 SMB M / MMCX  20 cm

7581123



ADAPTER

 SMB M / FAKRA F  20 cm

Adattatori antenna/sintonizzatore TV · Adapter cables for TV antennas · Adapterkabel für TV-Antennen Câbles adaptateurs antennes TV Cables adaptadores antenas TV · ТВ адаптеры

7131026



TV ADAPTER

 Jack F / IEC 9,5  24 cm

7132021



ADAPTER

 SMA F / MMCX 90°  16 cm

7581118



ADAPTER

 SMB M / SMB F 90°  15 cm

7132020



DIGITAL TV ADAPTER

 Jack F / F M  22 cm

7581037 L = 0,5 m  
7581039 L = 1,0 m  
7581040 L = 3,0 m  
7581042 L = 4,5 m



 ISO/DIN

7581051 L = 5,6 m  
7581063 L = 3,9 m



 BPF/DIN

7581044 L = 0,2 m  
7581002 L = 1,5 m  
7581004 L = 4,5 m



 BPF/DIN

7581062 L = 5,6 m



AM/FM EXT.CABLE: TRIPLEX, 16V, SHARK  
per auto senza cavo AM/FM originale  
for vehicle without O.E. AM/FM cable

 HC97M/ISO

7581020 L = 0,5 m  
7581023 L = 1,0 m  
7581029 L = 3,0 m  
7581034 L = 4,5 m



 DIN/DIN

7581119 L = 5,6 m



AM/FM EXT.CABLE: TRIPLEX, 16V, SHARK  
per auto senza cavo AM/FM originale  
for vehicle without O.E. AM/FM cable

 HC97M/DIN

|         |         |
|---------|---------|
| 7581094 | L = 1 m |
| 7581095 | L = 3 m |
| 7581096 | L = 5 m |



GPS systems extension cable



|         |           |
|---------|-----------|
| 7581046 | L = 1,5 m |
| 7581047 | L = 3,0 m |
| 7581045 | L = 5,0 m |



GSM extension cable RG58



|         |           |
|---------|-----------|
| 7581113 | L = 1,5 m |
| 7581114 | L = 3,0 m |
| 7581115 | L = 5,0 m |



GSM systems extension cable RG174



7131025



Antenna TV extension CABLE



7131037



Antenna TV extension CABLE



7131003



7131004 (RG58)



7131005



7131006



7131009



7131011



7130003



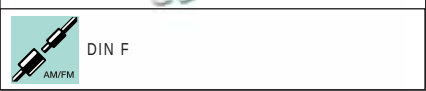
7420002



7420003



7542030



7130005



A black, textured, cylindrical object, possibly a pen or stylus, lying diagonally on a white background. The object has a series of small, raised, circular bumps along its length, giving it a segmented or ribbed appearance. The lighting is soft, creating a slight shadow on the white surface.

7551019

Asta antenna tipo 16V AM/FM · Spare rod for 16V type aerial · Ersatzstab für 16V Typ Antenne · Fouet de rechange pour antenne type 16V · Varilla de recambio para antena 16V  
Запасной стержень для активных антенн

O.E. SUPPLY  
FORNITO  
DI SERIE



 Ø 5 mm  41 cm

7551037

Asta antenna tipo 16V antifischio AM/FM · Rod with antinoise coil for AM/FM 16V antennas · Stab "antinoise" für 16V Antennen  
Fouet anti-bruit pour antennes 16V · Varilla antiruido para antenas 16V · Стержень с анти-шумной системой для радио антенн

O.E. SUPPLY  
FORNITO  
DI SERIE



 Ø 5 mm  41 cm

7551039

Asta antenna tipo 16V AM/FM · Spare rod for 16V type aerial · Ersatzstab für 16V Typ Antenne · Fouet de rechange pour antenne type 16V · Varilla de recambio para antena 16V  
Запасной стержень для активных антенн

O.E. SUPPLY  
FORNITO  
DI SERIE



 Ø 5 mm  30 cm

7552012

Asta antenna a tetto anteriore AM/FM · Fiber glass spare rod  
Ersatz-Fiberglasstab · Fouet de rechange en fibre de verre  
Varilla de recambio en fibra de vidrio · Стекловолоконный запасной стержень

O.E. SUPPLY  
FORNITO  
DI SERIE



 Ø 6 mm  41 cm

7557008

7557009

Telescopio antenna elettrica AM/FM · Telescope for AM/FM electric aerial · Teleskop für AM/FM Motorantenne  
Brin télescopique pour antenne automatique AM/FM · Varilla para antena eléctrica AM/FM  
Телескопический стержень для автоматических антенн



7551032

Asta collineare GSM · GSM Colinear rod  
GSM Kolinearstab · Fouet colinéaire GSM  
Varilla colinear GSM · GSM коллинеарный стержень

DUAL BAND



 Ø5 mm  25 cm

7551029

Asta 1/4 onda GSM · GSM 1/4 wave rod  
GSM 1/4 Wellen-Stab · Fouet 1/4 onde GSM  
Varilla 1/4 onda GSM · GSM стержень 1/4

DUAL BAND



 Ø5 mm  5,9 cm

7551028

Asta antenna Duplex · Rod for Duplex antenna  
Stab für Duplex Antenne · Fouet pour antenne Duplex · Varilla para antena Duplex  
Стержень для дуплексной антенны



 Ø6 mm  5 cm

7551023

Asta antenna AM/FM-GSM anteriore · Rod for AM/FM-GSM front roof antenna · Stab für AM/FM-GSM Frontebau-Dachantenne · Fouet pour antenne de toit avant AM/FM-GSM · Varilla para antena de techo anterior AM/FM-GSM · Стержень для AM/FM – GSM антенна на переднюю часть крыши



 Ø6 mm  41 cm

7551027

Asta antenna AM/FM/GSM posteriore · Rod for AM/FM-GSM rear roof antenna · Stab für AM/FM-GSM Heckenbau-Dachantenne · Fouet pour antenne de toit arrière AM/FM-GSM · Varilla para antena de techo posterior AM/FM-GSM · Стержень для AM/FM – GSM антенна на заднюю часть крыши



 Ø6 mm  41 cm

7551038

Asta antenna BI-TV e TRI-TV · Rod for BI-TV and TRI-TV antennas · Stab für BI-TV und TRI-TV Antennen  
Fouet pour antennes BI-TV et TRI-TV · Varilla para antenas BI-TV y TRI-TV · Стержень для BI-TV и TRI-TV антенн



 Ø6 mm  41 cm

7551033

Asta antenna tipo 16V D.A.B. · Rod for D.A.B 16V antennas · Stab für D.A.B 16V Antennen  
Fouet pour antennes 16V D.A.B · Varilla para antenas 16V D.A.B · Стержень для D.A.B. антенн



 Ø6 mm  41 cm

7551040

Asta antenna tipo 16V D.A.B. · Rod for D.A.B 16V antennas · Stab für D.A.B 16V Antennen  
Fouet pour antennes 16V D.A.B · Varilla para antenas 16V D.A.B · Стержень для D.A.B. антенн

COMBI DAB



 Ø6 mm  41 cm

Cavi AM/FM - GSM - GPS - TV - D.A.B. / Cables: AM/FM - GSM - GPS - TV - D.A.B.  
Kabel: AM/FM - GSM - GPS - TV - D.A.B. / Câbles AM/FM - GSM - GPS - TV - D.A.B.  
Cables AM/FM - GSM - GPS - TV - D.A.B / Кабели: AM/FM - GSM - GPS - TB - D.A.B.

7581002

Cavo antenna elettrica AM/FM · Cable for AM/FM electric antenna · Kabel für AM/FM Motorantenne Câble pour antenne électrique AM/FM · Cable para antena eléctrica AM/FM Кабель для автоматических антенн



 BPF/DIN  1,5 m

7581062

Cavo antenna AM/FM tipo 16V · Cable for AM/FM 16V antenna · Kabel für AM/FM 16V Antenne Câble pour antenne 16V AM/FM · Cable para antena 16V AM/FM · Кабель для активных радио антенн



 HC97M/ISO  5,6 m

7581119

Cavo antenna AM/FM tipo 16V · Cable for AM/FM 16V antenna · Kabel für AM/FM 16V Antenne Câble pour antenne 16V AM/FM · Cable para antena 16V AM/FM · Кабель для активных радио антенн



 HC97M/DIN  5,6 m

Altro · More · Mehr · Autre · Otros · Дырое

7131017

Amplificatore per antenna BI-TV e TRI-TV · Amplifier for BI-TV and TRI-TV antennas · Verstärker für BI-TV und TRI-TV Antennen · Amplificateur pour antenne BI-TV et TRI-TV · Amplificador para antenas BI-TV y TRI-TV · Усилитель для BI-TV и TRI-TV антенн



7542073

Base a forare per antenna GSM · Base for GSM antenna · Fuß für GSM Antenne · Embase pour antenne GSM · Base para antena GSM Основание для GSM антенн



  Ø 14mm

7581045

Cavo antenne GSM FMEF/FMEF · FMEF/FMEF cable for GSM antennas · FMEF/FMEF Kabel für GSM Antennen · Câble FMEF/FMEF pour antenne GSM · Cable FMEF/FMEF para antenas GSM FMEF/FMEF кабель для GSM антенн



 FMEF/FMEF  5 m

7581076

Cavo GSM per antenne a tetto posteriori · GSM cable for rear roof antennas · GSM Kabel für Heckbau-Antennen · Câble GSM pour antenne de toit arrière · Cable GSM para antenas de techo posterior GSM кабель для антенн на заднюю часть крыши



 HC97F/FMEF  5 m

7581103

Cavo antenne GPS posteriori mono o multifunzione · Cable for GPS monofunction or multifunction rear roof antennas · Kabel für GPS monofunktion or multifunktion Heckbau-Antennen · Câble pour antenne de toit arrier GPS monofonction ou multifonction · Cable GSM para antenas de techo posterior GPS monofunción o multifunción · Кабель для GPS моно-функциональных и мульти-функциональных антенн на заднюю часть крыши



 FAKRA F/SMBF  5 m

7131018

Cavo TV per antenne tipo 16V · TV cable for 16V antennas · TV Kabel für 16V Antenne · Câble TV pour antenne 16V · Cable TV para antenas 16V TB кабель для активных антенн



 FMEM/Mini Jack Mono  5 m

7581076

Cavo D.A.B. per antenne tipo 16V · D.A.B cable for 16V antennas · D.A.B Kabel für 16V Antenne Câble D.A.B pour antenne 16V · Cable D.A.B para antenas 16V · D.A.B. кабель для активных антенн



 HC97F/FMEF  5 m

7581116

Cavo AM/FM DAB PMR per antenne a tetto posteriori · AM/FM DAB PMR cable for rear roof antennas · AM/FM DAB PMR Kabel für Heckbau-Antennen · Câble AM/FM DAB PMR pour antenne de toit arrière · Cable AM/FM DAB PMR para antenas de techo posterior · AM/FM DAB PMR кабель для антенн на заднюю часть крыши



 FAKRA F/FME F  5 m

# Calearo: la qualità è totale

Calearo: top quality / Calearo: höchste qualität /  
Calearo: qualité totale / Calearo: calidad total /  
Calearo: Высокое качество

Qualità per Calearo è un concetto globale, che trova applicazione non solo nel prodotto e nella tecnologia applicata, ma si estende anche all'intera organizzazione aziendale, ai sistemi produttivi e di distribuzione, al servizio clienti, alla ricerca ed all'innovazione. Testimoni di questo impegno concreto, a garanzia di una Qualità Totale, sono le prestigiose certificazioni ottenute da Calearo Antenne (fornitore unico di Calearo srl): UNI EN ISO 9001 / ISO TS 16949. Tutte le antenne Calearo rispondono alle Normative Europee sulla compatibilità elettromagnetica.

Top Qualità is a global concept involving products and technology as well as the whole company organization from production processes to distribution, from customer satisfaction to research and innovation. A Top Quality System attested by the prestigious certificates UNI EN ISO 9001 and ISO TS 16949 awarded to Calearo Antenne, Calearo's only supplier. All Calearo antennas have been certified in compliance with the European standards on electromagnetic compatibility.

Qualität ist für Calearo ein Begriff, der sich nicht nur in seinen Produkten und seiner Technologie ausdrückt, sondern auch in der Unternehmensstruktur, den Produktionsprozessen, dem Kundendienst, der Forschung und der Innovation. Dank dieser Philosophie ist es Calearo Antenne (Einzellieferant von Calearo) gelungen, die Qualitätzertifikate UNI EN ISO 9001 und ISO TS 16949 zu erhalten. Calearo Antennen erfüllen die europäischen Richtlinien über die elektromagnetischen Verträglichkeit.

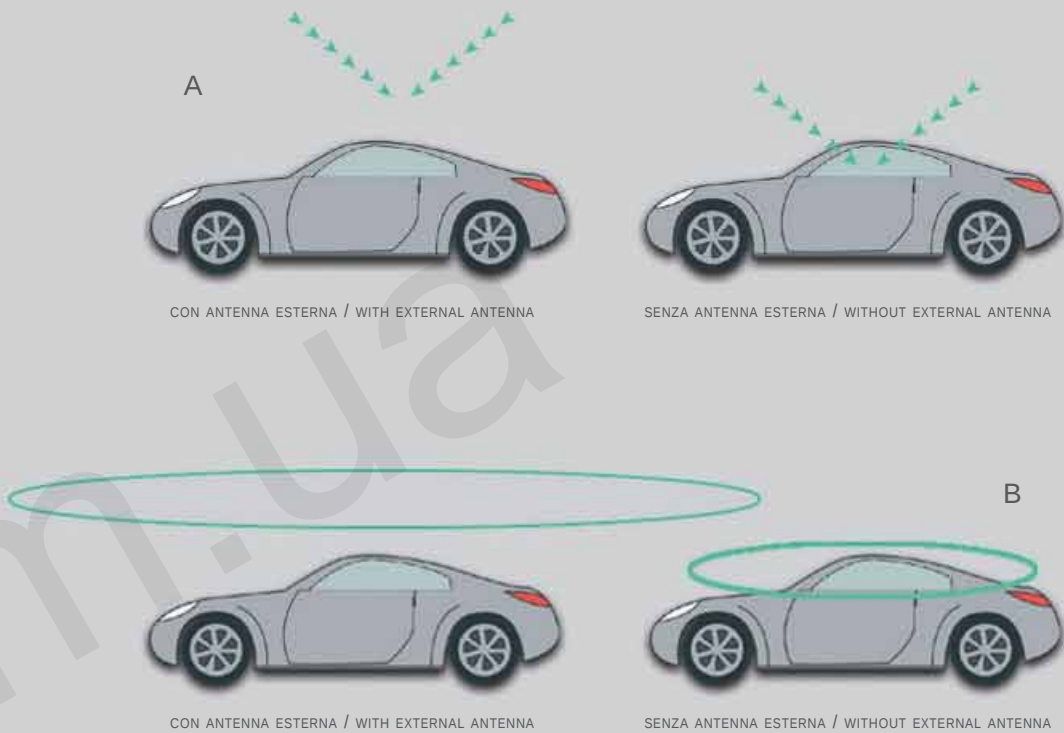
La Qualité pour Calearo est un concept global qui ne s'applique pas seulement au produit et à la technologie employée, mais s'étend à toute l'entreprise, aux systèmes de production et de distribution, au service clientèle, à la recherche et au développement. Les prestigieuses attestations UNI EN ISO 9001 / ISO TS 16949 obtenues par Calearo Antenne (unique fournisseur de Calearo srl) sont la preuve de cet engagement concret et la garantie d'une Qualité totale. Toutes les antennes Calearo répondent aux normes européennes en matière de compatibilité électromagnétique.

Calidad para Calearo es un concepto global, que encuentra aplicación no solamente en el producto y en la tecnología aplicada, sino que además se extiende a toda la organización empresarial, a los sistemas productivos y de distribución, al servicio de atención al cliente, a la investigación y a la innovación. Testigos de este esfuerzo concreto, como garantía de Calidad total, son las prestigiosas certificaciones conseguidas por Calearo Antenne (proveedor único de Calearo srl): UNI EN ISO 9001 / ISO TS 16949. Todas las antenas Calearo cumplen con la Normativa Europea sobre compatibilidad electromagnética.

Высшее Качество является важнейшей составляющей не только всемирной концепции развития продуктов и технологий, но и организации работы всей компании, от процесса производства до сбыта (дистрибуции), от удовлетворения потребителя до исследований и инноваций. Система Высшего Качества подтверждена престижными и известными сертификатами UNI EN ISO 9001 / ISO TS 16949, прилагающимися к Антеннам Calearo только для дилеров Calearo. Все антенны Calearo сертифицированы в соответствии с Европейскими стандартами на электромагнитную совместимость.

# sicurezza e funzionalità

safety & functionality / Sicherheit und Funktionalität / sécurité et fonctionnalité / seguridad y funcionalidad / БЕЗОПАСНОСТЬ И ФУНКЦИОНАЛЬНОСТЬ



## SICUREZZA E FUNZIONALITÀ

- I vantaggi delle antenne mono e multifunzione Calearo:
- / drastica limitazione dell'inquinamento elettromagnetico all'interno dell'abitacolo, causa di danni alla salute;
  - / aumento della copertura di ricezione dei sistemi radio;
  - / aumento della qualità del segnale, con conseguente riduzione delle interferenze;
  - / rispetto dei parametri estetici dell'auto.

## SAFETY & FUNCTIONALITY

- Advantages of Calearo mono-function or multi-function antennas:
- / drastic reduction of magnetic pollution inside the vehicle causing health troubles;
  - / increase of radio systems reception coverage;
  - / increase of signal quality and breakdown reduction;
  - / preservation of car aesthetical design.

## SICHERHEIT UND FUNKTIONALITÄT

- Vorteile der Calearo Mono- und Mehrfunktionsantennen:
- / drastische Begrenzung des Elektrosmogs im Wagen;
  - / erweiterung der Empfangsfähigkeit des Radiosystems;
  - / verbesserung der Signalqualität und Störeingrenzung;
  - / bewahrung des ästhetischen Designs.

## SECURITE ET FONCTIONNALITE

- Avantages des antennes Calearo mono et multifonction:
- / drastique limitation de la pollution électromagnétique dans la voiture;
  - / extension de la couverture de réception;
  - / amélioration de la qualité du signal et réduction des interférences;
  - / respect des paramètres esthétiques de la voiture.

## SEGURIDAD Y FUNCIONALIDAD

- Ventajas de las antenas Calearo mono y multi-función:
- / limitación radical de la contaminación electromagnética;
  - / aumento de la zona de recepción de los sistemas radio;
  - / mejor calidad de la señal y reducción de las interferencias;
  - / respeto de los parámetros estéticos del coche.

## БЕЗОПАСНОСТЬ И ФУНКЦИОНАЛЬНОСТЬ

- Преимущества моно- и мульти-функциональных антенн Calearo:
- Существенное снижение магнитных шумов внутри автомобиля, приводящих к ухудшению состояния здоровья;
  - Увеличение диапазона приема радио сигнала;
  - Улучшение качества сигнала и подавление шумов;
  - Эстетическое соответствие дизайну автомобиля.

simboli

symbols / Zeichen / symboles / símbolos / ОБОЗНАЧЕНИЯ

Telescopio intercambiabile  
Compatible telescope - Wechselbares Teleskop  
Brin télescopique compatible - Varilla compatible  
Телескопический стержень

Connettore GPS  
GPS Connector - GPS Steckverbinder  
Connecteur GPS - Conector GPS  
GPS коннектор

Lunghezza asta in fibra di vetro  
Fiber glass rod length - Fiberglasstab-länge  
Longueur fouet fibre de verre  
Largueza varilla fibra de vidrio  
Длина стекловолоконного стержня

Inclinazione snodo  
Fixing base inclination - Antennenfußneigung  
Inclination embase - Inclinación base  
Фиксированный наклон основания

Connettore TV  
TV Connector - TV Steckverbinder  
Connecteur TV - Conector TV  
TV коннектор

Lunghezza asta in gomma  
Rubber rod length - Gummi-Stablänge  
Longueur fouet caoutchouc  
Largueza varilla goma  
Длина резинового стержня

Cavo AM/FM  
AM/FM cable - AM/FM Kabel - Câble AM/FM  
Cable AM/FM - AM/FM кабель

Connettore DAB  
DAB Connector - DAB Steckverbinder  
Connecteur DAB - Conector DAB  
DAB коннектор

Lunghezza asta in acciaio inox  
Stainless steel rod length - Edelstahlstablänge  
Longueur fouet acier inox  
Largueza varilla acero inox  
Длина стержня из нержавеющей стали

Cavo GSM  
GSM cable - GSM Kabel - Câble GSM  
Cable GSM - GSM кабель

Inclinazione asta  
Rod inclination - Stabneigung  
Inclination fouet - Inclinación varilla  
Наклон стержня

Lunghezza asta telescopica  
Rod length - Stablänge  
Longueur brin télescopique  
Largueza varilla telescópica  
Длина стержня

Cavo GPS  
GPS cable - GPS Kabel - Câble GPS  
Cable GPS - GPS кабель

Potenza massima applicabile  
Max. power - Max. Leistung  
Puissance max. - Potencia max.  
Макс. мощность

Numero elementi asta telescopica  
Telescope sections - Teleskopteile  
Nombre éléments brin télescopique  
Elementos varilla - Телескопические секции

Cavo TV  
TV cable - TV Kabel - Câble TV  
Cable TV - ТВ кабель

Guadagno in dB  
Gain (dB) - Gewinn (dB) - Gain (dB)  
Ganancia (dB) - Потери мощности (дБ)

Telescopio in acciaio inox  
Stainless steel telescope  
Edelstahl-Teleskop - Télescope en acier inox  
Telescópio en acero inox  
Стержень из нержавеющей стали

Cavo DAB  
DAB cable - DAB Kabel - Câble DAB  
Cable DAB - DAB кабель

Assorbimento di corrente  
Power absorption - Stromaufnahme  
Absorption de courant  
Absorción de corriente  
Поглощательная способность

Telescopio cromato  
Chromed telescope - Teleskop-verchromt  
Télescope chromé - Telescópio cromado  
Хромированный стержень

Misure d'ingombro  
Overall dimensions - Außenma sse  
Dimensions maximales - Medidas máximas  
Габариты

Impedenza  
Impedance - Impedanz - Impédance  
Impedancia - Импеданс

Telescopio nero  
Black telescope - Teleskop-schwarz  
Télescope noir - Telescópio negro  
Черный стержень

Alimentazione interna al cavo antenna  
Phantom feeding - Phantomspeisung  
Alimentation phantom - Alimentación phantom  
Питание внутри радио кабеля

Asta di ricambio  
Spare part mast - Ersatzstab  
Fouet de rechange - Varilla de recambio  
Запасной стержень

Asta con sistema antifurto  
Rod with antitheft system - Stab mit diebstahlsicherem System - Fouet avec système antivol - Varilla con sistema antirrobo - Стержень с фирменной системой защиты от кражи

Alimentazione  
Feeding cable - Steuerplusleitung  
Câble alimentation - Cable alimentación  
Питание по отдельному кабелю

Foratura carrozzeria  
Coachwork drilling - Karosseriebohrung  
Perçage carrosserie - Taladro carrocería  
Монтажное отверстие

VSWR VSWR

Connettore AM/FM  
AM/FM Connector - AM/FM Steckverbinder  
Connecteur AM/FM - Conector AM/FM  
AM/FM коннектор

Filettatura asta  
Mast thread - Stabgewinde  
Filetage fouet - Rosca varilla  
Резьба стержня

Tipologia di montaggio  
Mounting - Einbau - Montage  
Montaje - Установка

Connettore GSM  
GSM Connector - GSM Steckverbinder  
Connecteur GSM - Conector GSM  
GSM коннектор

Frequenza di lavoro  
Frequency band - Frequenzbereich  
Bande de fréquence - Banda de frecuencia  
Частотный диапазон

indice per codice

Index per Part Number / Verzeichnis nach Art. Nr. / Index par Référence / Indice por código / Артикул

| Codice  | Pg. |    |
|---------|-----|----|
| 7127220 | 36  |    |
| 7130003 | 41  |    |
| 7130005 | 41  |    |
| 7131003 | 41  |    |
| 7131004 | 41  |    |
| 7131005 | 41  |    |
| 7131006 | 41  |    |
| 7131009 | 41  |    |
| 7131011 | 41  |    |
| 7131017 | 47  |    |
| 7131018 | 46  |    |
| 7131025 | 40  |    |
| 7131026 | 38  |    |
| 7131037 | 40  |    |
| 7132020 | 38  |    |
| 7132021 | 38  |    |
| 7137121 | 26  |    |
| 7137122 | 27  |    |
| 7137124 | 26  |    |
| 7137125 | 27  |    |
| 7137126 | 27  |    |
| 7137128 | 26  |    |
| 7181111 | 35  |    |
| 7181112 | 37  |    |
| 7420002 | 41  |    |
| 7420003 | 41  |    |
| 7542030 | 41  |    |
| 7542073 | 47  |    |
| 7551019 | 44  |    |
| 7551023 | 45  |    |
| 7551027 | 45  |    |
| 7551028 | 45  |    |
| 7551029 | 45  |    |
| 7551032 | 45  |    |
| 7551033 | 45  |    |
| 7551037 | 44  |    |
| 7551038 | 45  |    |
| 7551039 | 44  |    |
| 7551040 | 45  |    |
| 7552012 | 44  |    |
| 7557008 | 44  |    |
| 7557009 | 44  |    |
| 7581002 | 39  | 46 |
| 7581004 | 39  |    |

| Codice  | Pg. |    |
|---------|-----|----|
| 7581020 | 39  |    |
| 7581023 | 39  |    |
| 7581029 | 39  |    |
| 7581034 | 39  |    |
| 7581037 | 39  |    |
| 7581039 | 39  |    |
| 7581040 | 39  |    |
| 7581042 | 39  |    |
| 7581044 | 39  |    |
| 7581045 | 40  | 46 |
| 7581046 | 40  |    |
| 7581047 | 40  |    |
| 7581051 | 39  |    |
| 7581059 | 35  |    |
| 7581062 | 39  | 46 |
| 7581063 | 39  |    |
| 7581065 | 34  |    |
| 7581066 | 34  |    |
| 7581067 | 34  | 36 |
| 7581076 | 46  |    |
| 7581077 | 37  |    |
| 7581079 | 37  |    |
| 7581087 | 35  |    |
| 7581094 | 40  |    |
| 7581095 | 40  |    |
| 7581096 | 40  |    |
| 7581097 | 34  |    |
| 7581100 | 34  |    |
| 7581101 | 35  |    |
| 7581102 | 35  |    |
| 7581103 | 46  |    |
| 7581104 | 38  |    |
| 7581105 | 36  |    |
| 7581106 | 37  |    |
| 7581107 | 35  |    |
| 7581108 | 37  |    |
| 7581109 | 37  |    |
| 7581111 | 36  |    |
| 7581112 | 34  |    |
| 7581113 | 40  |    |
| 7581114 | 40  |    |
| 7581115 | 40  |    |
| 7581116 | 46  |    |
| 7581117 | 36  |    |

| Codice  | Pg. |    |
|---------|-----|----|
| 7581118 | 38  |    |
| 7581119 | 39  | 46 |
| 7581120 | 34  |    |
| 7581121 | 35  |    |
| 7581122 | 36  |    |
| 7581123 | 38  |    |
| 7582032 | 34  |    |
| 7582051 | 38  |    |
| 7617011 | 23  |    |
| 7617012 | 23  |    |
| 7617020 | 23  |    |
| 7617024 | 23  |    |
| 7617025 | 23  |    |
| 7617029 | 23  |    |
| 7617030 | 23  |    |
| 7617045 | 23  |    |
| 7617046 | 23  |    |
| 7627005 | 20  |    |
| 7627006 | 20  |    |
| 7627007 | 20  |    |
| 7627008 | 20  |    |
| 7627011 | 20  |    |
| 7627021 | 20  |    |
| 7637004 | 20  |    |
| 7651006 | 17  |    |
| 7657008 | 17  |    |
| 7657009 | 16  |    |
| 7657015 | 16  |    |
| 7657016 | 17  |    |
| 7657019 | 16  |    |
| 7657020 | 17  |    |
| 7657021 | 16  |    |
| 7667001 | 17  |    |
| 7667002 | 21  |    |
| 7677150 | 24  |    |
| 7677051 | 24  |    |
| 7677800 | 18  |    |
| 7677801 | 05  |    |
| 7677900 | 18  |    |
| 7677901 | 19  |    |
| 7677906 | 18  |    |
| 7677907 | 19  |    |
| 7677908 | 18  |    |
| 7677918 | 19  |    |

| Codice  | Pg. |  |
|---------|-----|--|
| 7677924 | 19  |  |
| 7677931 | 30  |  |
| 7677932 | 30  |  |
| 7677933 | 31  |  |
| 7677934 | 31  |  |
| 7680210 | 04  |  |
| 7681052 | 12  |  |
| 7681054 | 11  |  |
| 7681056 | 12  |  |
| 7681057 | 10  |  |
| 7681058 | 12  |  |
| 7681084 | 11  |  |
| 7681085 | 11  |  |
| 7681086 | 10  |  |
| 7687009 | 06  |  |
| 7687020 | 10  |  |
| 7687052 | 06  |  |
| 7691004 | 21  |  |
| 7694003 | 21  |  |
| 7697004 | 21  |  |
| 7697006 | 22  |  |
| 7697015 | 22  |  |
| 7727001 | 05  |  |
| 7727004 | 13  |  |
| 7727007 | 07  |  |
| 7727008 | 04  |  |
| 7730175 | 07  |  |
| 7730220 | 07  |  |
| 7747001 | 28  |  |
| 7747002 | 28  |  |
| 7750004 | 14  |  |
| 7750005 | 14  |  |
| 7757001 | 13  |  |

# indice

Index / Inhaltsverzeichnis / Index / Indice / СОДЕРЖАНИЕ

- 03** Antenne Multifunzione / Multi-function antennas / Mehrfunktions-Antennen  
Antennes multi-fonctions / Antenas multi-función / Мульти-функциональные антенны
- 09** Antenne GSM-UMTS / Antenne GPS / GSM-UMTS aeriels/GPS aeriels / GSM-UMTS Antennen/GPS Antennen/  
Antennes GSM-UMTS / Antennes / GPS Antenas GSM-UMTS / Antenas GPS / GSM-UMTS Антенны / GPS  
Антенны
- 15** Antenne AM/FM / AM/FM aeriels / AM/FM Antennen / Antennes AM/FM / Antenas AM/FM / AM/FM антенны
- 25** Antenne per sistemi TV in auto / Antennas for car TV systems / Antennen für Fernsehsysteme im Auto /  
Antennes pour systèmes TV en auto / Antenas por sistemas TV en el coche / Антенны для  
автомобильных ТВ систем
- 29** Antenne per sistemi D.A.B. (Digital Audio Broadcasting) / Aerials for D.A.B. systems / Antennen für D.A.B.  
Systeme / Antennes pour systèmes D.A.B. / Antenas para sistemas D.A.B / Антенны для D.A.B. систем
- 33** Accessori / Accessories / Antennenzubehör / Accessoires / Accesorios / Аксессуары
- 43** Ricambi / Spare parts / Ersatzteile / Pièces de rechange / Piezas de recambios /  
ДОПОЛНИТЕЛЬНЫЕ КОМПОНЕНТЫ

**CALEARO** persegue costantemente una politica di continua ricerca e sviluppo. Pertanto si riserva il diritto di modificare le caratteristiche tecniche e/o estetiche dei suoi prodotti in qualsiasi momento e senza alcun preavviso.

**CALEARO** has always pursued a policy of continuous research and development. Therefore the Company reserves the right to modify technical and/or aesthetical features of its products at any time and without any previous notice.

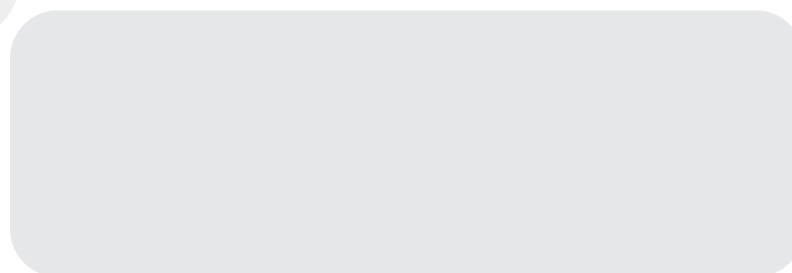
Die Firma **CALEARO** betreibt ständige Forschungs- und Entwicklungspolitik und behält sich das Recht vor, jederzeit technische und/oder ästhetischen Änderungen ihrer Produkte ohne vorherige Benachrichtigung vorzunehmen.

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**CALEARO s.r.l.** - via Bacchiglione, 49 - 36033 Isola Vicentina - Vicenza - Italy  
Tel. +39 0444 901311 r.a. - Fax +39 0444 901375 - e-mail: [info@calearo.com](mailto:info@calearo.com) - [www.calearoam.com](http://www.calearoam.com)