

Reference:
7667010



General Description - Descrizione Generale

Antenna dual band AM/FM-DAB+ con asta flessibile.
Il design esclusivo la rende estremamente flessibile e resistente ad elevate sollecitazioni meccaniche presenti in ambienti di lavoro difficili come quello agricolo e movimento terra.
I materiali utilizzati assicurano una elevata e duratura resistenza ad intemperie ed condizioni estreme.

Dual band antenna AM / FM-DAB with flexible rod.
The unique design makes it very flexible and resistant to high mechanical stress present in difficult work environment as agricultural and construction vehicles.
The materials used ensure a high and lasting resistance to weathering and extreme conditions.



Electrical data / Caratteristiche Elettriche

Tipologia/Tipology
Omnidirectional antenna
Polarizzazione/Polarization
Verticale/Vertical



AM: 0,52-1,71 MHz
FM: 87-108 MHz
DAB: 170-240 MHz

VSWR
FM: <2:1 @ 98MHz
DAB: <2,5:1 @ 208MHz



0 dB

Ω
50 Ω



Passive/Passivo

Cable
2,5mt* RG58



Din M *

* Cable length and connector customizable upon request

Mechanical Data / Caratteristiche Meccaniche



Dimensioni/Dimension: 250x42x37mm



0 ÷ 90°

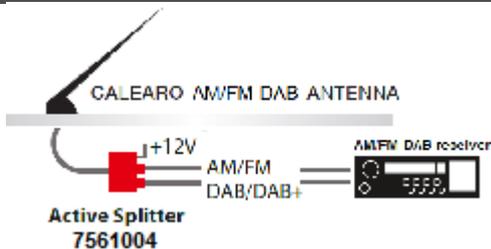


Tipo di installazione: Tetto o montante
Installation : Front roof or pillar

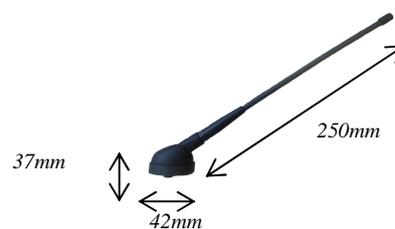


-40°C+85°C

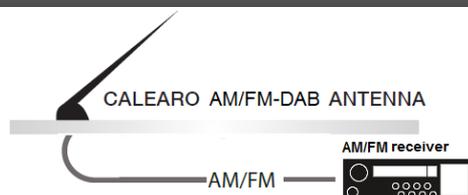
Installation scheme in case of AM/FM - DAB receiver



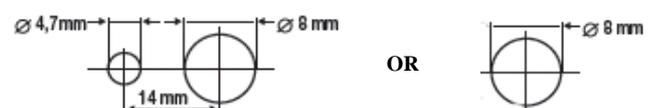
Dimension



Installation scheme in case of AM/FM receiver



Mounting holes



Reference:
7667011



General Description - Descrizione Generale

*Antenna dual band AM/FM-DAB+ con asta flessibile .
Il design esclusivo la rende estremamente flessibile e resistente ad elevate sollecitazioni meccaniche presenti in ambienti di lavoro difficili come quello agricolo e movimento terra.
I materiali utilizzati assicurano una elevata e duratura resistenza ad intemperie ed condizioni estreme.*

*Dual band antenna AM / FM-DAB with flexible rod.
The unique design makes it very flexible and resistant to high mechanical stress present in difficult work environment as agricultural and construction vehicles.
The materials used ensure a high and lasting resistance to weathering and extreme conditions.*



Electrical data / Caratteristiche Elettriche

Tipologia/Tipology

Omnidirectional antenna

Polarizzazione/Polarization

Verticale/Vertical



AM: 0,52-1,71 MHz
FM: 87-108 MHz
DAB: 170-240 MHz



FM: <2:1 @ 98MHz
DAB: <2,5:1 @ 208MHz



0 dB



50 Ω



Passive/Passivo



1,5mt* RG58



Din M *

* Cable length and connector customizable upon request

Mechanical Data / Caratteristiche Meccaniche



Dimensioni/Dimension: 250x42x37mm



0 ÷ 90°

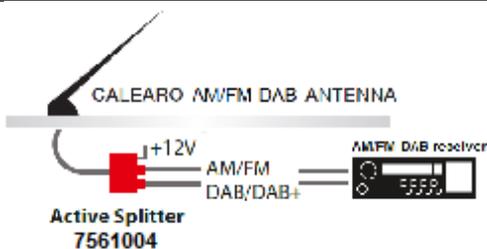


Tipo di installazione: Tetto o montante
Installation : Front roof or pillar



-40°C+85°C

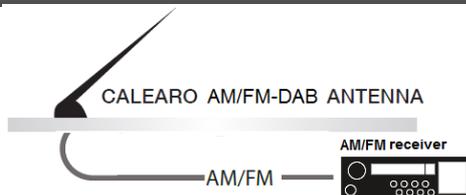
Installation scheme in case of AM/FM - DAB receiver



Dimension



Installation scheme in case of AM/FM receiver



Mounting holes



Reference:
7667012

AM
FM



DIGITAL RADIO

DAB+

DAB
Digital Audio Broadcasting

General Description - Descrizione Generale

Antenna dual band AM/FM-DAB+ con asta flessibile.
Il design esclusivo la rende estremamente flessibile e resistente ad elevate sollecitazioni meccaniche presenti in ambienti di lavoro difficili come quello agricolo e movimento terra.
I materiali utilizzati assicurano una elevata e duratura resistenza ad intemperie ed condizioni estreme.

Dual band antenna AM / FM-DAB with flexible rod.
The unique design makes it very flexible and resistant to high mechanical stress present in difficult work environment as agricultural and construction vehicles.
The materials used ensure a high and lasting resistance to weathering and extreme conditions.



Electrical data / Caratteristiche Elettriche

Tipologia/Tipology

Omnidirectional antenna

Polarizzazione/Polarization

Verticale/Vertical



AM: 0,52-1,71 MHz
FM: 87-108 MHz
DAB: 170-240 MHz



FM: <2:1 @ 98MHz
DAB: <2,5:1 @ 208MHz



0 dB



50 Ω



Passive/Passivo



2,5mt* RG58



Din M *

* Cable length and connector customizable upon request

Mechanical Data / Caratteristiche Meccaniche



Dimensioni/Dimension: 280x35x22mm



0 ÷ 180°

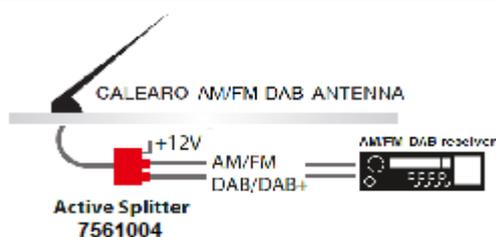


Tipo di installazione: Tetto o montante
Installation : Roof or pillar

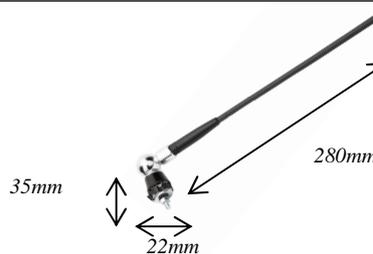


-40°C+85°C

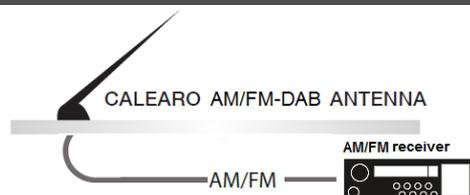
Installation scheme in case of AM/FM - DAB receiver



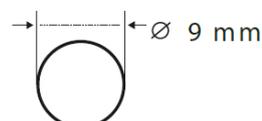
Dimension



Installation scheme in case of AM/FM receiver



Mounting holes



Reference:
7667013


General Description - Descrizione Generale

Antenna dual band AM/FM-DAB+ con asta flessibile.
Il design esclusivo la rende estremamente flessibile e resistente ad elevate sollecitazioni meccaniche presenti in ambienti di lavoro difficili come quello agricolo e movimento terra.
I materiali utilizzati assicurano una elevata e duratura resistenza ad intemperie ed condizioni estreme.

Dual band antenna AM / FM-DAB with flexible rod.
The unique design makes it very flexible and resistant to high mechanical stress present in difficult work environment as agricultural and construction vehicles.
The materials used ensure a high and lasting resistance to weathering and extreme conditions.



Electrical data / Caratteristiche Elettriche

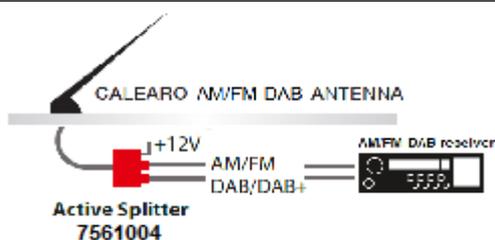
Tipologia/Tipology Omnidirectional antenna Polarizzazione/Polarization Verticale/Vertical	 AM: 0,52-1,71 MHz FM: 87-108 MHz DAB: 170-240 MHz
VSWR FM: <2:1 @ 98MHz DAB: <2,5:1 @ 208MHz	 0 dB
 50 Ω	 Passive/Passivo
 1,5mt* RG58	 Din M *

* Cable length and connector customizable upon request

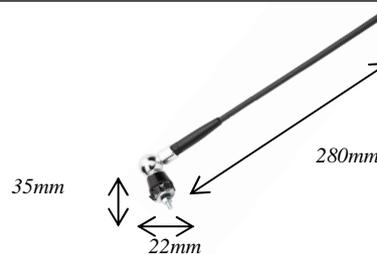
Mechanical Data / Caratteristiche Meccaniche

 Dimensioni/Dimension: 280x35x22mm
 0 ÷ 180°
 Tipo di installazione: Tetto o montante Installation : Roof or pillar
 -40°C+85°C

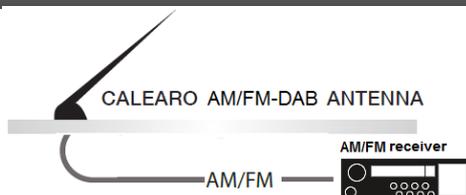
Installation scheme in case of AM/FM - DAB receiver



Dimension



Installation scheme in case of AM/FM receiver

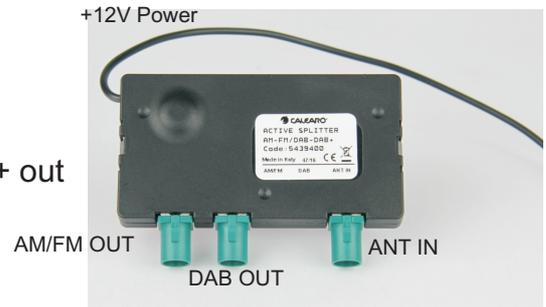


Mounting holes



AM/FM-DAB+ Active Splitter

AM/FM-DAB+ active splitter with dedicated power cable
 Compatible with passive AM/FM-DAB antennas
 Universal Fakra male connectors for input and output
 Low noise amplifier with OEM technology for AM/FM-DAB+ out

P.No. 7561004


Technical Datasheet

DIGITAL RADIO

	AM/FM	DAB/DAB+	ANT IN
Frequency Range	0,52-1,71 MHz 87-108MHz	174-240 MHz (III band) 1452-1492 MHz (L band)	
Gain	25dB ±1 (AM band) 13.5dB ±1 (FM band)	21dB ±1 (III band) 14dB ±1 (L band)	
Power Consumption	+12V (dedicated power cable AM/FM-DAB) 110mA max (AM/FM-DAB total consumption)		
Impedance	50Ohm	50Ohm	50Ohm
VSWR	<2:1	<2:1	
Noise Figure	<3dB	<2.2dB (III band) <2.8dB (L band)	
Connector	Fakra male univ. "Z"	Fakra male univ. "Z"	Fakra male univ. "Z"
Mounting type	Adhesive		
Mounting position	Inside the vehicle		
Dimensions (LxBxH)	62x35x27mm		
Weight	100g		
Temperature Range	-40°C to +95°C		
Protection class	Ip50		

Installation Scheme

Passive Front roof antenna

Important:

- 1) Remove the original rod.
- 2) Install the AM/FM-DAB rod (Calearo P.no 7551045).
- 3) Install the Active Splitter.

O.E.M Active Roof antenna

Important:

- 1) Remove the original Active/amplified antenna
- 2) Install a passive antenna (Calearo p.no 7677909)
- 3) Install the Active Splitter.

VW Group O.E.M "DIVERSITY" GLASS ANTENNA

Important:

- 1) Remove the originale Fm2 amplifier.
- 2) Install The "bypass" (Calearo P.no 7590008).
- 3) Install the active splitter