



MH 2-ZG

$\frac{1}{4} \lambda$ Mobile Antenna with Shock Spring for the 160 MHz Band



DESCRIPTION

- Sturdy, general-purpose $\frac{1}{4} \lambda$ antenna in professional quality.
- Available with glass fiber or stainless steel whip.
- Stainless steel ZG-mount with M8 x 1-thread whip-fastening system.
- Simple mounting exclusively with access from the outside.
- Choice between two connection principles:
 - ZG-mount: FME-connection (supplied without cable).
 - ZGP4-mount: Permanently attached 4 m cable terminated with FME-connector.

SPECIFICATION

ELECTRICAL

Model	MH 2-ZG
Frequency	Tunable by cutting within : 144 – 175 MHz (Also applicable : 175 – 225 MHz)
Antenna Type	Mobile whip antenna
Max. Input Power	150 W
Polarisation	Vertical
Impedance	50 Ω
VSWR	≤ 1.3 @ f. res.
Bandwidth	≥ 15 MHz @ VSWR ≤ 2.0
Gain (EIA RS-329-1)	0 dB

MECHANICAL

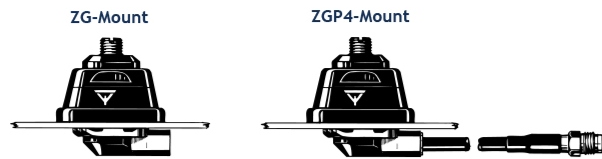
Materials	Whip : Conical glass fiber or black-chromed stainless steel. Black-chromed brass Spring : Black-chromed stainless steel Mount : Black-chromed brass Weather- and shockproof plastics Stainless steel
Installation Torque	7.5 ±1 Nm
Colour	Black
Historic Brand	Amphenol Procom
Antenna Mount Type	Hole Mount
Height	Approx. 550 mm / 21.65 in.
Weight	ZG-version : Approx. 0.20 kg ZGP4-version : Approx. 0.35 kg
Mounting	21 mm dia. hole

ORDERING CODES

Model	Product No.	Frequency	Additional Information
MH 2-ZGR	130000738	ZG-mount with FME-system	Stainless Steel Whip
MH 2-ZGP4R	130000739	ZGP4-mount with 4 m cable and FME-connector	Stainless Steel Whip
MH 2-ZG	130000736	ZG-mount with FME-system	Glassfibre Whip
MH 2-ZGP4	130000737	ZGP4-mount with 4 m cable and FME-connector	Glassfibre Whip

ADDITIONAL INFORMATION

The whip is compatible with all below mounts



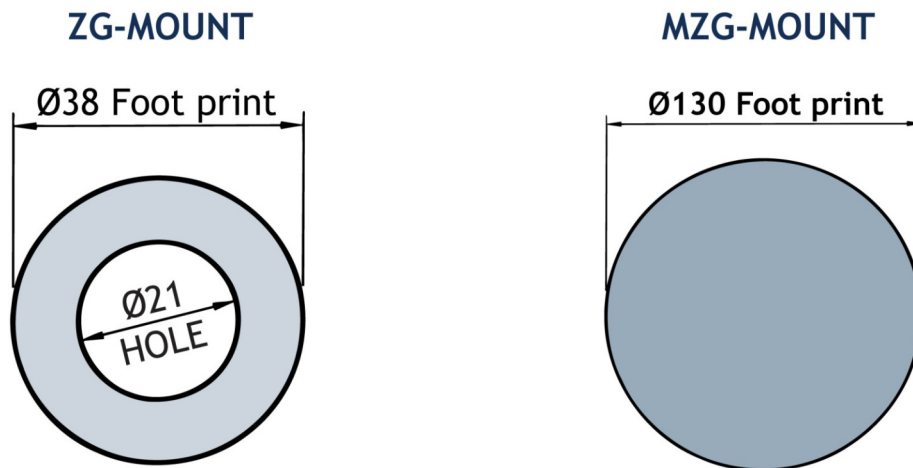
Installation

This antenna is provided with our type ZG-mount for mounting from the outside in a 21 mm dia. hole on horizontal surfaces as e.g. roof top or trunk lid.

The ZG-mount is provided with an M8 x 1 thread mount system. This construction meets the demand for a low-profile mobile mount with a slim appearance and with protection against theft of the antenna whip.

When cleaning the car in automatic washing machines, the whip is easily removed using a spanner, size 12 mm. The whip is refitted again by screwing it onto the M8 x 1 thread stud and tightening it with the spanner.

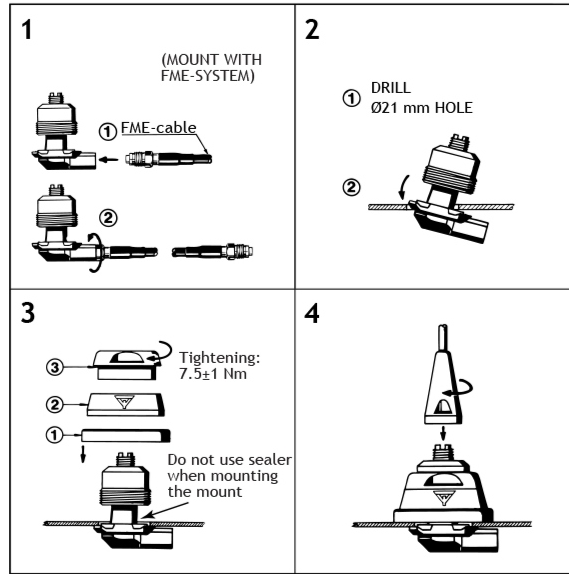
1. Installation Dimension



Build- in depth: 10.5 mm

Build-in depth : 10.5 mm

2. Installation Steps



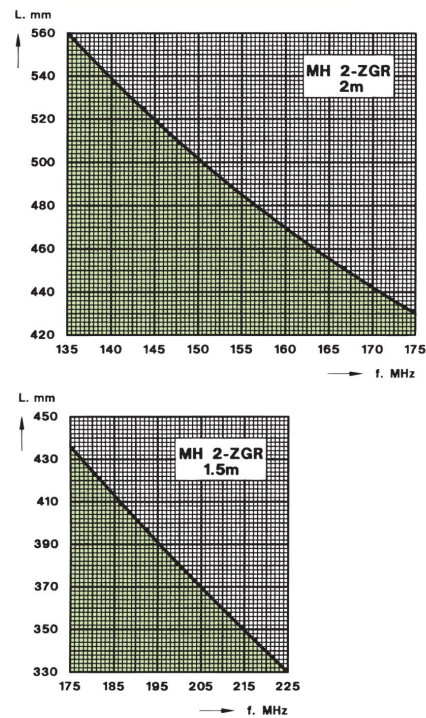
Do not use sealer on rubber gasket or other places.

3. Tuning

The antenna should always be tuned using an VSWR-meter.

The cutting diagrams below serve as a guide for this procedure.

Stainless Steel Whip



Glass Fibre Whip

