

Log.-periodic

DESCRIPTION

- 0.9 m high top-quality antenna with high efficiency.
- Stainless steel Z-mount with ball-joint and wing screw whip-fastening system.
- Despite the very small physical dimensions, the toploading and the log.-periodicdistance between the helical windings yield exceptionally good performance.
- Simple mounting with access from the outside only.
Models with roof thickness from 2 mm to 7.5 mm mounting from the inside.
- Choice between two connection principles:
 - Z-mount : FME-connection (FME-cable to be ordered separately).
 - ZP4-mount : Permanently attached 4 m RG 58 cable terminated with FME-connector.



ORDERING

Model	Product No.	Description
DHX 27 5/8-KFZ	130000593	Z-mount with FME-system
DHX 27 5/8-KFZP4	130000594	ZP4-mount with 4 m cable and FME connector

SPECIFICATIONS

Electrical	
Model	DHX 27 5/8-KFZ
Frequency	27 MHz CB-band
Antenna Type	Log.-periodically wound helical mobile antenna
Max. Input Power	200 W
Polarisation	Vertical
Impedance	50 Ω

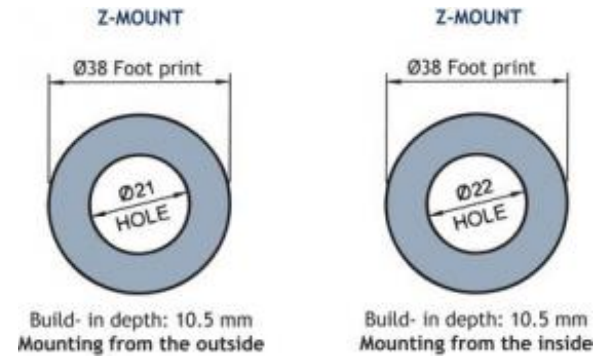
Mechanical	
Materials	Whip: Copper-wire wound on glass fiber, covered by polyethylene Chromed brass Mount: Chromed brass Weather- and shockproof plastics Stainless steel
Installation Torque	7.5 +/- 1 Nm
Colour	Black / Metallic Silver
Height	Approx. 900 mm / 35.43 in.
Weight	Z-mount: Approx. 0.21 kg / 0.46 lb. ZP4-mount: Approx. 0.37 kg / 0.82 lb.
Mounting	ø21mm dia. hole (For roof thicknesses 2 mm up to 7.5 mm mounting hole should be 22mm dia.)
Mounting Plate Thickness	Max. 2.0 mm (Models up to 7.5 mm on request)

INSTALLATION

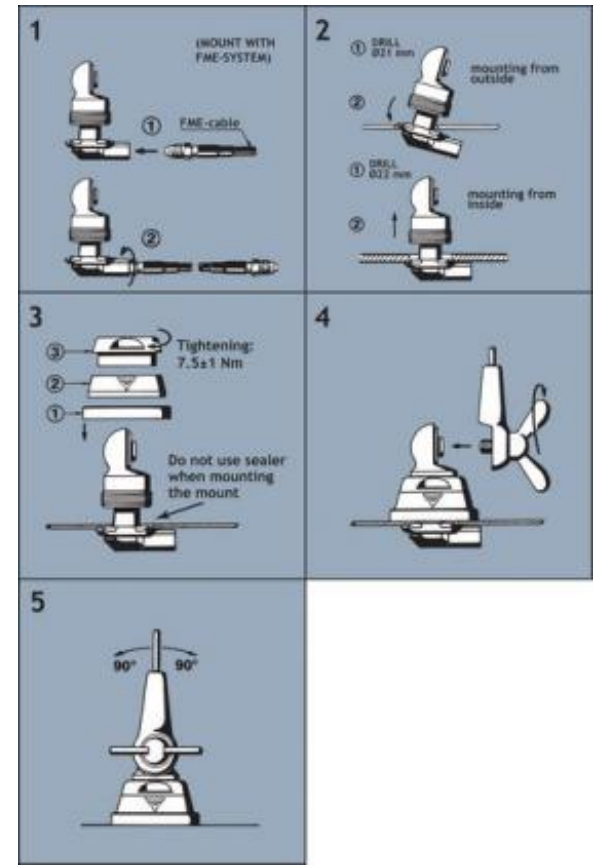
This antenna is supplied with type Z-mount. The whip is fastened to the mount by means of our standard ball-joint and wing screw system. The adjustable ball-joint ensures that the whip can always be mounted in a vertical position independent of the angle of the installation spot.

The Z-mount is particularly well suited for mounting on car-roofs because of its ability to be installed exclusively with access from the outside. The Z-Mount for roof thickness from 2 mm to 7.5 mm must be mounted from the inside. However, the antenna can be installed anywhere on the car, as the Z-mount is equally well suited for mounting on e.g. trunk or wing.

INSTALLATION DIMENSIONS



INSTALLATION STEPS



Do not use sealer on rubber gasket or other places.

TUNING

The antenna must be tuned using SWR-meter. Unfasten the union nut at the top end of the whip and pull out the adjusting pin approx. 1 cm at a time until best possible SWR is obtained. Re-fasten the union nut thoroughly.

MOUNTING

