

MU 3-BZ/TETRA/I

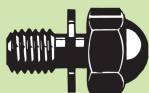
3 dB Gain 5/8 λ Mobile Antenna for the TETRA Band

DESCRIPTION

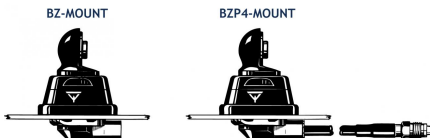
- Black-chromed stainless steel whip with toggle joint.
- Factory tuned for the range 380 - 410 MHz.
- Stainless steel BZ-mount with ball-joint and wing screw whip-fastening system.
- Simple mounting exclusively with access from the outside. Models with roof thickness from 2 mm to 7.5 mm mounting from the inside.
- Choice between two connection principles: BZ-mount: FME-connection (supplied without cable).
- BZP4-mount: Permanently attached 4 m cable terminated with FME-connector.



Hat screw option:



For antenna delivered with hat screw instead of wing screw add a K to the antenna designation.



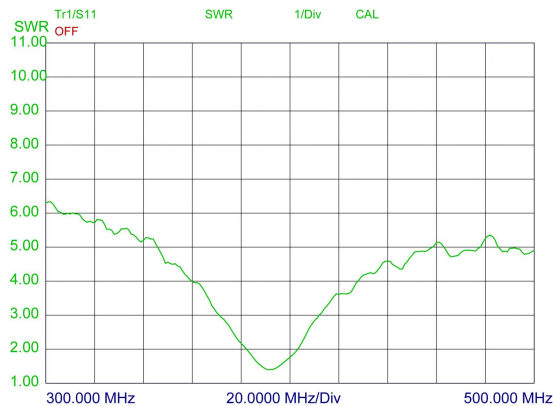
ORDERING DESIGNATIONS

TYPE	MOUNT VERSION	PRODUCT NO.
MU 3-BZ/TETRA/I	BZ-mount with FME-system	130001374
MU 3-BZP4/TETRA/I	BZP4-mount with 4 m cable and FME-connector	130001389

SPECIFICATIONS

ELECTRICAL	
MODEL	MU 3-BZ/TETRA/I
ANTENNA TYPE	5/8 λ mobile whip antenna
FREQUENCY	380 - 410 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	Approx. 3 dB (acc. to EIA RS-329-1)
BANDWIDTH	≥ 10 MHz @ SWR ≤ 2.0 ≥ 30 MHz @ SWR ≤ 3.0
SWR	≤ 1.5 @ f. res.
MAX. POWER	100 W
MECHANICAL	
MATERIALS	Whip: Stainless steel, black-chromed Black-chromed brass Mount: Black-chromed brass Weather- and shockproof plastics Stainless steel
RECOMMENDED INSTALLATION TORQUE	7.5 ± 1 Nm
COLOUR	Black
HEIGHT	Approx. 49 cm
WEIGHT	BZ-version: Approx. 140 g BZP4-version: Approx. 280 g
MOUNTING	ø21 mm dia. hole (For roof thickness from 2 mm up to 7.5 mm mounting hole should be ø22 mm dia.)
ROOF THICKNESS	Max. 2.0 mm (Models up to 7.5 mm on request)

TYPICAL SWR CURVE



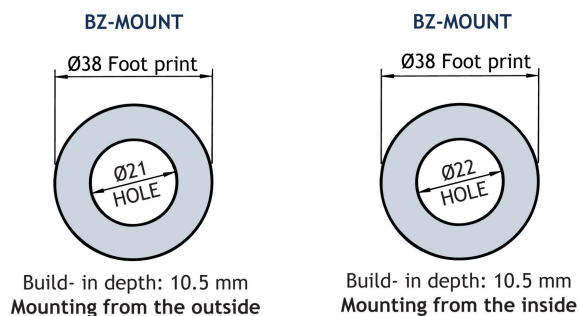
INSTALLATION

This antenna is provided with type BZ-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.

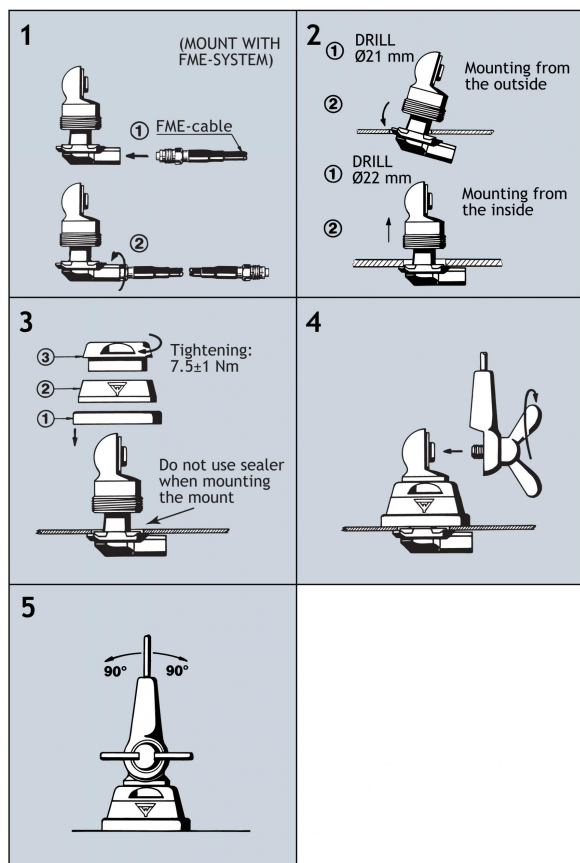
The BZ-mount is particularly well suited for mounting on car-roofs because of its ability to be installed exclusively with access from the outside. The BZ-Mount for roof thickness from 2 mm to 7.5 mm must be mounted from the inside.

However, the antenna can be installed anywhere on the car, as the BZ-mount is equally well suited for mounting on e.g. trunk or wing.

1. INSTALLATION DIMENSIONS



2. INSTALLATION STEPS



Do not use sealer on rubber gasket or other places.



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15/12/14