

# TFA 4/2/TETRA-FM-S-CXP0.26-BBMU

Collinear Mobile Antenna for the 4m, 2m, TETRA and FM Bands

## DESCRIPTION

- 4-Band Mobile Antenna for the 4m, 2m, TETRA and FM Bands.
- Polyethylene-covered flexible whip.
- Black-chromed stainless steel antenna mount (CX-mount) with M6 thread whip-mounting system.
- Bendable section in mount makes whip tiltable 30° by hand.
- Easily removable whip (e.g. for wash tunnels).
- Matching unit (BBMU) included.

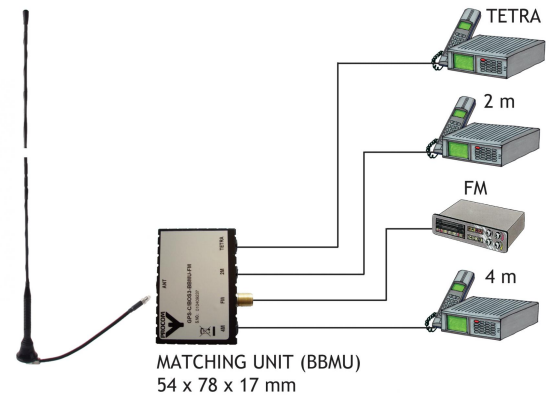


## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
TFA 4/2/TETRA-FM-S-CXP0.26-BBMU	130001731

## SPECIFICATIONS FOR WHIP

ELECTRICAL	
MODEL	TFA 4/2/TETRA-FM-S-CXP0.26-BBMU
ANTENNA TYPE	Collinear mobile whip antenna
FREQUENCY	4 m: 74.2 - 87.5 MHz 2 m: 167.5 - 174 MHz 70 cm: 380 - 410 MHz FM band: 93 - 108 MHz (Limited in 88 - 93 MHz)
SWR	74.2 - 77.7 and 84 - 87.5 MHz: ≤ 2.5 167.5 - 169.5 and 172 - 174 MHz: ≤ 2.0 380 - 410 MHz: ≤ 2.5
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	4 m: Approx. -3 dB 2 m: Approx. -4 dB 70 cm: Approx. 2 dB (acc. to EIA RS-329-1)
MAX. POWER	25 W
MECHANICAL	
MATERIALS	Whip: Glass fibre whip with copper wire winding, polyethylene-covered Black-chromed brass Spring: Black-chromed stainless steel
COLOUR	Black
HEIGHT	670 mm
WEIGHT	60 g
MOUNTING	On the CXP0.26 mount



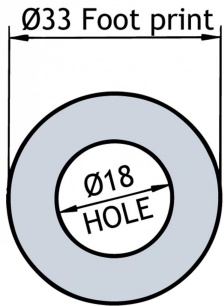
## INSTALLATION

This antenna can be mounted anywhere on the vehicle. Mounting can take place exclusively with access from the outside when drilling an 18 mm dia. hole. Mounting can take place from the inside by drilling a 14 mm dia. hole. When mounting in a 14 mm dia. hole, remove the bottom plastic ring of the gasket with a sharp cutter. When cleaning the car in car-washing machines, remove the whip using a spanner, size 9 mm. After wash, refit the whip and tighten it lightly with the spanner.

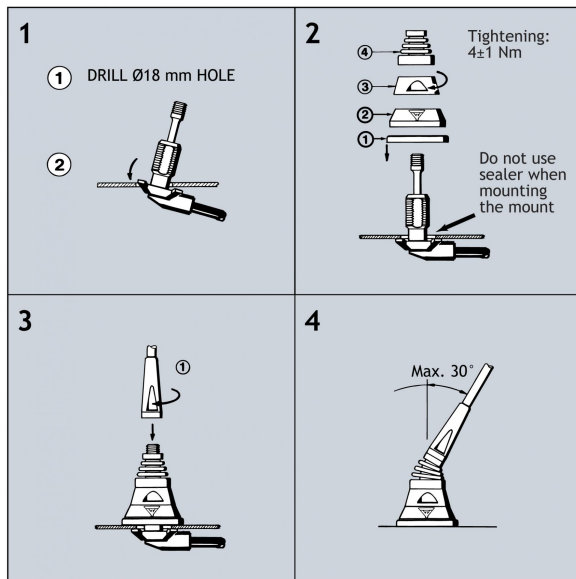
As the mount is internally equipped with a bendable section, the antenna can always be adjusted to an upright position independent of the tilt angle of the installation spot (up to 30° tilt).

### 1. INSTALLATION DIMENSIONS:

#### CX-MOUNT



### 2. INSTALLATION STEPS:



Do not use sealer on rubber gasket or other places.



PROCOM A/S reserve the right to amend specifications without prior notice.

17/12/14