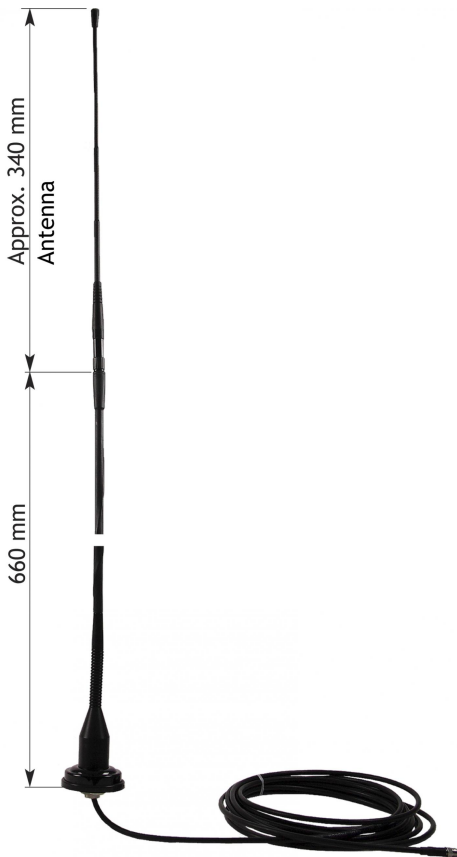


# EFD TETRA-1000

## End-Fed $\frac{1}{2}$ $\lambda$ Dipole Antenna for TETRA Band

### DESCRIPTION

- Flexible  $\frac{1}{2}$   $\lambda$  TETRA-antenna (models within 380 - 430 MHz).
- The end-fed dipole principle makes the antenna independent of groundplane.
- The radiating part of the antenna is placed on top of a glassfibre tube with shock spring approx. 660 mm above the mounting area.
- The large distance to the mounting area results in an almost perfect radiation, completely independent of the mounting area.
- Permanently attached 5 m RG58 cable with FME(female) connector.
- Wide range of FME-accessories available.



### ORDERING DESIGNATIONS

TYPE	FREQUENCY	PRODUCT NO.
EFD TETRA-1000/l	380 - 410 MHz	140000610
EFD TETRA-1000/h	410 - 430 MHz	140000580

### SPECIFICATIONS

ELECTRICAL	
MODEL	EFD TETRA-1000
ANTENNA TYPE	$\frac{1}{2}$ $\lambda$ antenna
FREQUENCY	Models within 380 – 430 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARIZATION	Vertical
GAIN	0 dBd
BANDWIDTH	20 - 30 MHz dep. of model
SWR	< 2.0
MAX. POWER	25 W
MECHANICAL	
MOUNTING	14 mm / 0.55 in. dia. hole
MOUNTING THICKN.	0.7 → 4.5 mm / 0.028 → 0.18 in.
MATERIALS	Black-chromed brass Weather- and shockproof plastics Polyethylene covered flexible steel wire Cu-nite brass, seawater resistant Spring: Black-chromed stainless steel
COLOUR	Black
TEMP. RANGE	-50° C → +70° C
CONNECTOR	5 m RG 58 permanently attached cable with FME (female)
RECOMMENDED INSTALL. TORQUE	8.5 ± 1 Nm
HEIGHT	Approx. 1000 mm / 39.37 in.
OUTER HEIGHT (Mount)	16 mm / 0.63 in.
WIDTH/LENGTH (Mount)	ø55 mm / ø2.17 in.
WEIGHT	Approx. 500 g / 1.10 lb.

### FME-SYSTEM ACCESSORIES

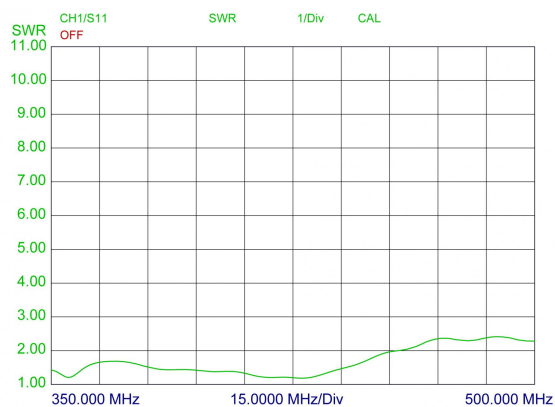
FME-CABLES	
TYPE	PRODUCT NO.
1 m FME	130000437
2 m FME	130000447
3 m FME	130000457
4 m FME	130000466
5 m FME	130000474
6 m FME	130000483
4 m FME-white	110000064
6 m FME-white	110000066
12 m FME-white	110000068
18 m FME-white	110000069

FME-CONNECTORS	
TYPE	PRODUCT NO.
FME-FME	130000583
FME-P (Prolongation)	130000565
FME-N	130000571
FME-FSMA (Female-SMA)	130000578
FME-BNC	130000566
FME-TNC	130000569
FME-UHF	130000572
FME-MUHF (Mini-UHF)	130000573
FME-EMUHF (Elbow-MUHF)	130000582
FME-EBNC (Elbow-BNC)	130000580
FME-ETNC (Elbow-TNC)	130000581
FME-SMA	130000577

For further information about other types of FME-cables and FME-connectors, please compare the cable and connector data sheets under accessories.



TYPICAL SWR CURVE



PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis.  
12/03/15

MOUNTING

The gasket should be entirely supported by the mounting plane.

Do not use sealer on rubber gasket or other places.