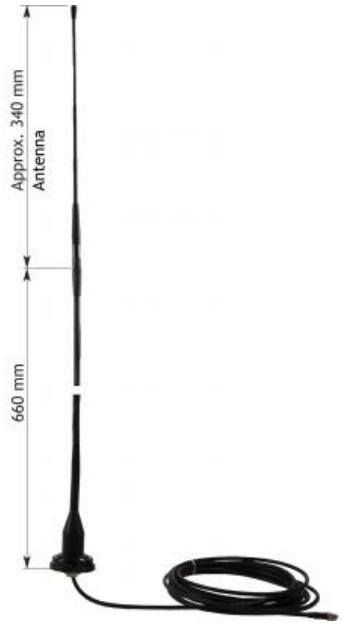
End-Fed ½ λ Dipole Antenna for TETRA Band

DESCRIPTION

- Flexible ½ λ 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 RG 58 cable with FME(female) connector.
- Wide range of FME-accessories available.



ORDERING

Model	Product No.	Frequency
EFD TETRA-1000/l	140000610	380 - 410 MHz
EFD TETRA-1000/h	140000580	410 - 430 MHz

SPECIFICATIONS

Electrical	
Model	EFD TETRA-1000/...
Frequency	Models within 380 - 430 MHz
Antenna Type	½λ antenna
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
Gain	0 dB (compared to a ¼ λ portable antenna)
VSWR	< 2.0:1
Bandwidth	20 - 30 MHz dep. of model

Mechanical		
Connection(s)	5 m RG 58 permanently attached cable with FME (female)	
Materials	Black-chromed brass Weather- and shockproof plastics Polyethylene covered flexible steel wire Cu-nite brass, seawater resistant Spring: Black chromed stainless steel	
Installation Torque	8.5 +/- 1 Nm	
Colour	Black	
Dimensions	55mm diameter	
Height	1000 mm / 39.37 in.	16 mm / 0.63 in.
Weight	0.5 kg / 1.10 lb	
Mounting	14 mm / 0.55" dia. hole	
Mounting Plate Thickness	0.7 - 4.5 mm / 0.03 - 0.18 in.	

Environmental	
Operating Temperature Range	-50°C to +70°C

ADDITIONAL DATA

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

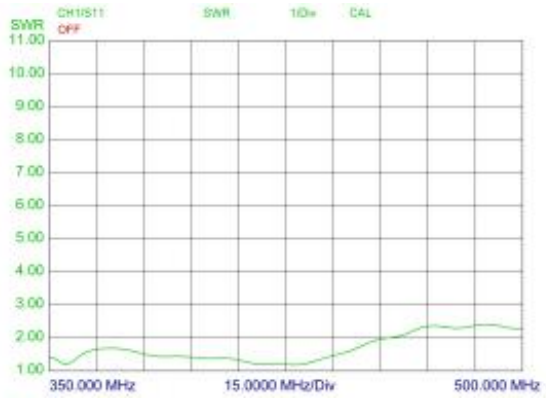
For further information about other types of FME-cables and FME-connectors, please compare the cable and connector data sheets under accessories.

MOUNTING

The gasket should be entirely supported by the mounting plane.

Do not use sealer on rubber gasket or other places.

TYPICAL SWR CURVE



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