

SF 160/...

2 dB SideFix® Antenna for the 160 MHz band

DESCRIPTION

- End-fed half-wave dipole with a black-chromed, conical stainless steel whip.
- 2 dB gain compared to a standard $\frac{1}{4}$ λ roof mount antenna.
- Groundplane independent due to half-wave design.
- For temporary antenna installations.
- Mounting on side-windows using a simple "clip-on" procedure.
- Provided with FME-connector (male).



ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	FREQUENCY
SF 160/l	130000700	144 - 160 MHz
SF 160/m	130000702	155 - 170 MHz
SF 160/h	130000701	160 - 175 MHz

SPECIFICATIONS

ELECTRICAL	
MODEL	SF 160/...
ANTENNA TYPE	End-fed $\frac{1}{2}$ λ dipole mobile antenna
FREQUENCY	144 – 175 MHz covered by three models
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	2 dB (acc. to EIA RS-329-1)
BANDWIDTH	≥ 15 MHz @ SWR ≤ 2.0
SWR	≤ 1.3 @ f.res.
MAX. POWER	25 W
MECHANICAL	
MATERIALS	Whip: Black-chromed, conical stainless steel Black-chromed brass Mount: Weather- and shockproof plastics Black-chromed brass
CABLE	FME-cable to be ordered separately
COLOUR	Black
HEIGHT	Approx. 960 mm
WEIGHT	Approx. 140 g
MOUNTING	"Clip-on" mounting on the side-window
SIDE WINDOW THICKNESS	Max. 4 mm

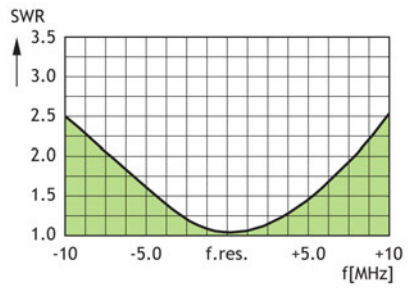
FME-SYSTEM ACCESSORIES

FME-CABLES	
TYPE	LENGTH
1 m FME	1 m
2 m FME	2 m
3 m FME	3 m
4 m FME	4 m
5 m FME	5 m
6 m FME	6 m
4 m FME-white	4 m white
6 m FME-white	6 m white
12 m FME-white	12 m white
18 m FME-white	18 m white

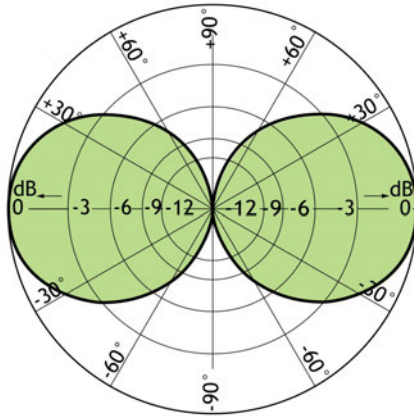
FME-CONNECTORS	
TYPE	CONNECTOR
FME-FME	FME-FME
FME-P	Prolongation
FME-N	N
FME-FSMA	FSMA
FME-BNC	BNC
FME-TNC	TNC
FME-UHF	UHF
FME-MUHF	Mini-UHF
FME-EMUHF	Elbow-MUHF
FME-EBNC	Elbow-BNC
FME-ETNC	Elbow-TNC
FME-SMA	SMA

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

TYPICAL SWR CURVES



TYPICAL RADIATION PATTERN (E-PLANE)



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

09/12/11