

## 2 dB Mobile Sidefix® Antenna for the VHF Band

### DESCRIPTION

- End-fed half-wave dipole with a black-chromed, conical stainless steel whip.
- 2 dB gain compared to a standard  $\frac{1}{4} \lambda$  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(m)-connector.



### SPECIFICATIONS

Electrical	
Model	SF 160/...
Frequency	144 - 175 MHz covered by three models
Antenna Type	End-fed $\frac{1}{2} \lambda$ dipole mobile antenna
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 $\Omega$
VSWR	$\leq 1.3$ @ f. res.
Bandwidth	$\geq 15$ MHz @ VSWR $\leq 2.0$
Gain (EIA RS-329-1)	2 dB
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 / 37.80 in.
Weight	Approx. 0.14 kg / 0.31 lb.
Mounting	"Clip-on" mounting on the side-window
Side Window Thickness	Max. 4 mm

### ORDERING

Model	Product No.	Frequency
SF 160/l	130000700	144 - 160 MHz
SF 160/m	130000702	155 - 170 MHz
SF 160/h	130000701	160 - 175 MHz

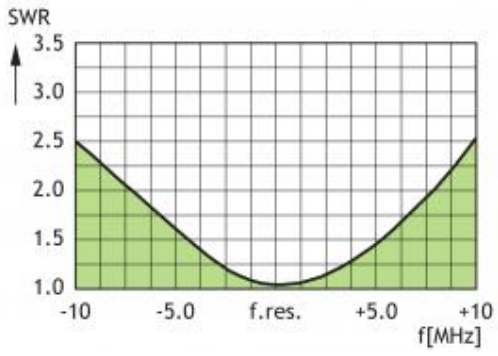
### FME-SYSTEM ACCESSORIES

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 VSWR CURVE



TYPICAL RADIATION PATTERN (E-PLANE)

