

2 dB Mobile Sidefix® Antenna for the 450 MHz Band

DESCRIPTION

- End-fed half-wave dipole in highly flexible polyethylene covered StraightFlex.
- 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-connection (cable to be ordered separately).



SPECIFICATIONS

Electrical	
Model	SF 401/...
Frequency	380 - 470 MHz covered by five models
Antenna Type	End-fed $\frac{1}{2}$ λ dipole mobile antenna
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
VSWR	$\leq 1.3:1$ @ f.res.
Bandwidth	≥ 25 MHz @ VSWR ≤ 1.5
Gain (EIA RS-329-1)	2 dB

Mechanical	
Materials	Whip: Polyethylene-covered StraightFlex steel wire Black-chromed brass Mount: Weather- and shockproof plastics Brass
Cable	FME-cable to be ordered separately
Colour	Black
Height	Approx. 360 mm / 14.17 in.
Weight	Approx. 0.086 kg / 0.19 lb.
Mounting	"Clip-on" mounting on the side-window

ORDERING

Model	Product No.	Frequency
SF 401/CEL1	130000782	450 - 470 MHz
SF 401/CEL2	130000791	440 - 455 MHz
SF 401/CEL4	130000792	406 - 430 MHz
SF 401/CEL3	130000793	425 - 440 MHz
SF 401/CEL5	130000794	380 - 410 MHz

FME-SYSTEM ACCESSORIES

FME-CABLES	
LENGTH	TYPE NO.
1 m	1 m FME
2 m	2 m FME
3 m	3 m FME
4 m	4 m FME
5 m	5 m FME
6 m	6 m FME
4 m white	4 m FME-white
6 m white	6 m FME-white
12 m white	12 m FME-white
18 m white	18 m FME-white

FME-CONNECTORS	
CONNECTOR	ORDER NO.
FME-FME	FME-FME
Prolongation	FMEP
N	FME-N
FSMA	FME-FSMA
BNC	FME-BNC
TNC	FME-TNC
UHF	FME-UHF
Mini-UHF	FME-MUHF
Elbow-MUHF	FME-EMUHF
Elbow-BNC	FME-EBNC
Elbow-TNC	FME-ETNC
SMA	FME-SMA

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