

SF 401/...

2 dB Mobile SideFix® Antenna for the 450 MHz Band

PROCOM

DESCRIPTION:

- ★ End-fed half-wave dipole in highly flexible polyethylene covered StraightFlex.
- ★ 2 dB gain compared to a standard $1/4 \lambda$ 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-connection (cable to be ordered separately).



ORDERING DESIGNATIONS

FREQ. RANGE	TYPE NO.
380–410 MHz	SF 401/CEL 5
406–430 MHz	SF 401/CEL 4
425–440 MHz	SF 401/CEL 3
440–455 MHz	SF 401/CEL 2
450–470 MHz	SF 401/CEL 1

FME-SYSTEM ACCESSORIES FME-CABLES

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

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

SPECIFICATIONS:

ELECTRICAL

ANTENNA TYPE	End-fed $1/2 \lambda$ dipole mobile antenna
FREQUENCY	380–470 MHz covered by five models
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	2 dB (acc. to EIA RS-329)
BANDWIDTH	≥ 25 MHz at SWR ≤ 1.5
SWR	≤ 1.3 at f. res.
MAX. POWER	25 watt

MECHANICAL

MATERIALS	Whip: Polyethylene-covered StraightFlex steel wire Black-chromed brass
	Mount: Environment-proof plastics Brass
CABLE	FME-cable to be ordered separately
COLOUR	Black
HEIGHT	Approx. 360 mm
WEIGHT	Approx. 86 g
MOUNTING	“Clip-on” mounting on the side window

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

