

SF 900/1800

**Dual-frequency Mobile SideFix® Antenna
for the 900 MHz and 1800 MHz Cellular Networks**

PROCOM

DESCRIPTION:

- ★ Dual-frequency antenna – two bands – one antenna!
- ★ Covering both EGSM/NMT-900 and DCS 1800/PCN.
- ★ Elevated-feed skirt-dipole in a shroud of flexible and environment-proof plastic.
- ★ 0 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).



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.

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



SPECIFICATIONS:

ELECTRICAL

ANTENNA TYPE	Elevated-feed $1/2 \lambda$ dipole
FREQUENCY	880–960 MHz (EGSM/NMT-900 Cellular Networks) 1710–1880 MHz (DCS-1800/PCN)
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	Approx. 0 dB on both bands (acc. to EIA RS-329)
BANDWIDTH	900 MHz: 65 MHz at SWR ≤ 2.0 1800 MHz: 115 MHz at SWR ≤ 2.0
SWR	≤ 1.5 at f. res.
MAX. POWER	25 watt

MECHANICAL

MATERIALS	Brass, environment-proof plastics
CABLE	FME-cable to be ordered separately
COLOUR	Black
HEIGHT	Approx. 21 cm
WEIGHT	Approx. 70 g
MOUNTING	“Clip-on” mounting on the side-window

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