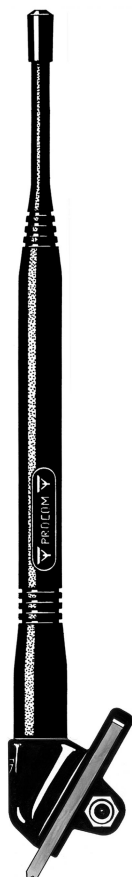


# SF 900/1800

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

## 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 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).



## Ordering designations

TYPE NO.	PRODUCT NO.
SF 900/1800	130001133

## SPECIFICATIONS

ELECTRICAL	
MODEL	SF 900/1800
ANTENNA TYPE	Elevated-feed 1/2 λ 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-329-1)
BAND WIDTH	900 MHz: 65 MHz @ SWR ≤ 2.0 1800 MHz: 115 MHz @ SWR ≤ 2.0
SWR	≤ 1.5 @ f.res.
MAX. POWER	25 W
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

## FME-SYSTEM ACCESSORIES

FME-CABLES		FME-CONNECTORS	
LENGTH	TYPE NO.	CONNECTOR	ORDER NO.
1 m	1 m FME	FME-FME	FME-FME
2 m	2 m FME	Prolongation	FMEP
3 m	3 m FME	N	FME-N
4 m	4 m FME	FSMA	FME-FSMA
5 m	5 m FME	BNC	FME-BNC
6 m	6 m FME	TNC	FME-TNC
4 m white	4 m FME-white	UHF	FME-UHF
6 m white	6 m FME-white	Mini-UHF	FME-MUHF
12 m white	12 m FME-white	Elbow-MUHF	FME-EMUHF
18 m white	18 m FME-white	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.



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13/12/11