

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-SYSTEM ACCESSORIES

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

| | |
|--------------|--|
| MODEL | SF 900/1800 |
| 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-329-1) |
| BAND WIDTH | 900 MHz: 65 MHz @ SWR \leq 2.0 1800 MHz: 115 MHz @ SWR \leq 2.0 |
| SWR | \leq 1.5 @ f. res. |
| MAX. POWER | 25 watts |

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.