

FLX 900/...-FME

End-Fed 1/2 λ Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 900 MHz Band



DESCRIPTION:

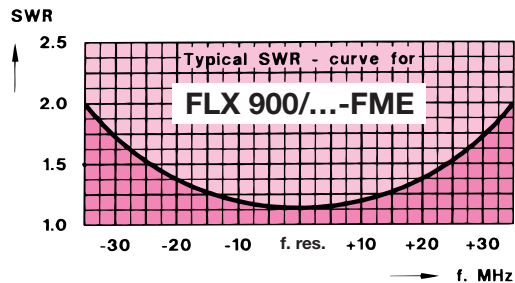
- ★ Flexible antenna made of steel wire covered with black silicone tubing.
- ★ End-fed 1/2 λ whip – groundplane independent.
- ★ High gain and efficient decoupling from the portable equipment due to half-wave design.
- ★ 5 dB gain compared to a 1/4 λ antenna whip on the same equipment.
- ★ Highest quality materials in a long-lasting and durable design.
- ★ Delivered factory tuned to customer specified frequency or cellular system.
- ★ Provided with universal FME-connection system for optimum flexibility and easily exchangeable connectors.
- ★ Designed for use with the following of PROCOMs line of black FME-connectors (to be ordered separately): BFME-BNC, BFME-TNC, BFME-N, BFME-MUHF, BFME-MQ, BFME-EBNC, BFME-ETNC and BFME-EMUHF.

ORDERING DESIGNATIONS:

When ordering the antenna, please state the centre frequency or the name of a cellular network.

EXAMPLES OF ORDERING:

FREQUENCY/ CELLULAR NETWORK	TYPE
915 MHz	FLX 900/915-FME
NMT-900	FLX 900/NMT-FME
ETACS	FLX 900/ETACS-FME



SPECIFICATIONS:

ELECTRICAL	
ANTENNA TYPE	End-fed 1/2 λ antenna for portable equipment
FREQUENCY	900 MHz band (820–960 MHz)
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dB (compared to a 1/4 λ portable antenna)
BANDWIDTH	≥ 70 MHz at SWR ≤ 2.0
SWR	< 1.3 at f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Silicone tube over flexible steel wire Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 170 mm (dep. on type)
WEIGHT	Approx. 25 g
CONNECTOR	FME (female) (Exchangeable BFME-connectors to be ordered separately)

PLEASE NOTE:

The FLX 900 is also available with SMA male connector, but in this case with fixed, non-exchangeable connector (not FME-connection system). Information on this special version on request.

RECOMMENDED BFME-CONNECTORS: (To be ordered separately)

BFME-BNC	BFME-TNC	BFME-N	BFME-MUHF	BFME-MQ	BFME-EBNC	BFME-ETNC	BFME-EMUHF

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