

FSP 70/...-FME

End-Fed $1/2 \lambda$ Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 70 cm Band

PROCOM

DESCRIPTION:

- ★ Highly flexible polyethylene covered StraightFlex steel wire (self-straightening).
- ★ Full-size, end-fed $1/2 \lambda$ antenna whip.
- ★ High gain and efficient decoupling from the portable equipment.
- ★ 5 dB gain (typ.) compared to a $1/4 \lambda$ antenna whip on the same equipment.
- ★ Highest quality materials in an elegant design.
- ★ Delivered factory tuned and tested to ensure minimum SWR and optimum performance.
- ★ 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-UHF, BFME-BNC, BFME-TNC, BFME-N, BFME-MQ, BFME-EBNC and BFME-ETNC.

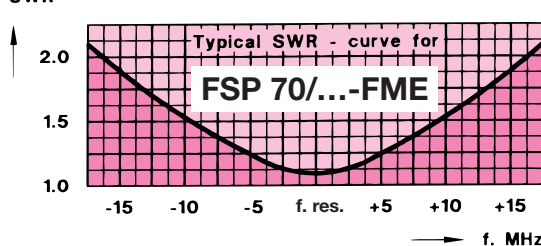
ORDERING DESIGNATIONS:

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

EXAMPLES OF ORDERING:

FREQUENCY/ CELLULAR NETWORK	TYPE
460 MHz	FSP 70/460-FME
425 MHz	FSP 70/425-FME
NMT-450, Sweden	FSP 70/NMT-FME
C-net, Germany	FSP 70/CNET-FME

SWR



SPECIFICATIONS:

ELECTRICAL	
ANTENNA TYPE	$1/2 \lambda$ antenna for portable equipment
FREQUENCY	70 cm band (380–470 MHz)
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dB (compared to a $1/4 \lambda$ portable antenna)
BANDWIDTH	≥ 30 MHz at SWR ≤ 2.0
SWR	< 1.3 at f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Polyethylene covered flexible steel wire Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 340 mm (dep. on type)
WEIGHT	Approx. 50 g
CONNECTOR	FME (female) (Exchangeable BFME-connectors to be ordered separately)

TETRA

RECOMMENDED BFME-CONNECTORS: (To be ordered separately)

BFME-UHF	BFME-BNC	BFME-TNC	BFME-N	BFME-MQ	BFME-EBNC	BFME-ETNC

