

# FSP 70/...-FME

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

## DESCRIPTION

- Highly flexible polyethylene covered StraightFlex steel wire (self-straightening).
- Full-size, end-fed  $\frac{1}{2}$   $\lambda$  antenna whip.
- High gain and efficient decoupling from the portable equipment.
- 5 dB gain (typ.) compared to a  $\frac{1}{4}$   $\lambda$  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 Procom's line of black FME-connectors (to be ordered separately): BFME-UHF, BFME-BNC, BFME-TNC, BFME-N, BFME-EBNC and BFME-ETNC.



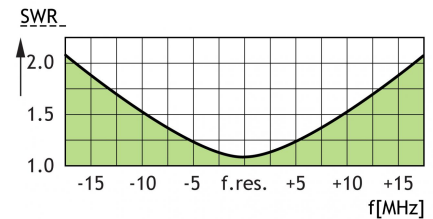
## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	FREQUENCY
FSP 70/...-FME	140000182	380 - 470 MHz

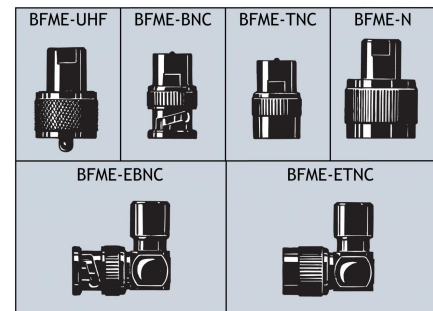
## SPECIFICATIONS

ELECTRICAL	
MODEL	FSP 70/...-FME
ANTENNA TYPE	$\frac{1}{2}$ $\lambda$ antenna for portable equipment
FREQUENCY	70 cm band (380 – 470 MHz)
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
GAIN	5 dB (compared to a $\frac{1}{4}$ $\lambda$ portable antenna)
BANDWIDTH	$\geq$ 30 MHz @ SWR $\leq$ 2.5
SWR	$<$ 1.3 @ f. res.
MAX. POWER	25 W
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)

## TYPICAL SWR CURVE



## RECOMMENDED BFME-CONNECTORS



(To be ordered separately)



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

16/05/12