

## 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.

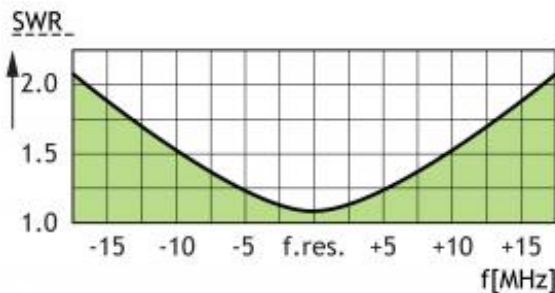


### ORDERING

Type	Product No.	Frequency
FSP 70/...-FME	140000182	380 - 470 MHz

### ADDITIONAL DATA

#### TYPICAL SWR CURVE



### SPECIFICATIONS

Electrical	
Model	FSP 70/...-FME
Frequency	70 cm band (380...470 MHz) in three models
Antenna Type	Antenna for portable equipment
Polarisation	Vertical
Impedance	50 $\Omega$
Gain	5 dB (compared to a $\frac{1}{4} \lambda$ portable antenna)
VSWR	< 1.3:1 @ f. res.
Maximum Input Power	25 W
Bandwidth	$\leq 30$ MHz @ SWR $\leq 2.5:1$
Mechanical	
Connection(s)	FME female (Exchangeable BFME-connectors to be ordered separately)
Materials	Polyethylene covered flexible steel wire Black-chromed brass
Colour	Black
Height	340 mm / 13.39 in.
Weight	0.05 kg / 0.11 lb

### RECOMMENDED BFME-CONNECTORS

