

## End-Fed $\frac{1}{2} \lambda$ Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 1300 M

### DESCRIPTION

- Highly flexible polyethylene covered StraightFlex steel wire (self-straightening).
- Full size, end-fed  $\frac{1}{2} \lambda$  antenna whip – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 5 dB gain (typ.) compared to a  $\frac{1}{4} \lambda$  antenna whip on the same equipment.
- Highest quality materials in a slender and elegant design.
- Delivered factory tuned to customer specified frequency.
- 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-BNC, BFME-TNC, BFME-N, BFME-MUHF, BFME-EBNC, BFME-ETNC and BFME-EMUHF.

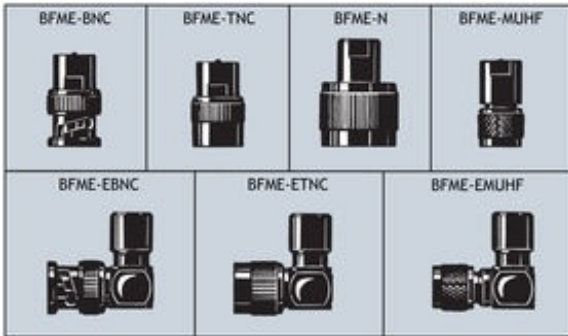


### ORDERING

Type	Product No.
FSP 1300/...-FME	140000232

### ADDITIONAL DATA

### RECOMMENDED BFME-CONNECTORS



(To be ordered separately)

### SPECIFICATIONS

Electrical	
Model	FSP 1300/...-FME
Frequency	1200 - 1300 MHz
Antenna Type	End-fed $\frac{1}{2} \lambda$ 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
Mechanical	
Connection(s)	FME female (Exchangeable BFME-connectors to be ordered separately)
Materials	Polyethylene covered flexible steel wire Black-chromed brass
Colour	Black
Height	150 mm / 5.91 in.
Weight	0.025 kg / 0.06 lb

### TYPICAL SWR CURVE

