

End-Fed ½ λ Dipole Antenna with Universal FME-
Connection System for Portable Equipment in the 70 cm
Band

DESCRIPTION

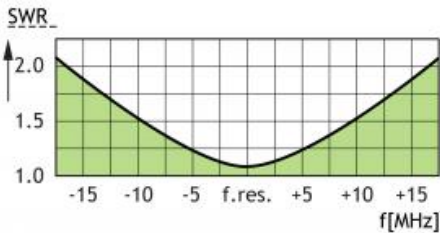
- Highly flexible polyethylene covered StraightFlex steel wire (self-straightening).
- Full-size, end-fed ½ λ antenna whip.
- High gain and efficient decoupling from the portable equipment.
- 5 dB gain (typ.) compared to a ¼ λ antenna whip on the same equipment.
- Highest quality materials in an elegant 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.



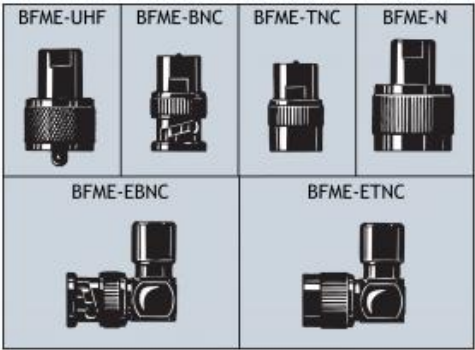
ORDERING

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

TYPICAL SWR CURVE



RECOMMENDED BFME-CONNECTORS: (TO BE ORDERED SEPARATELY)



SPECIFICATIONS

Electrical	
Model	FSP 70/...-FME
Frequency	70 cm band (380 - 470 MHz)
Antenna Type	Antenna for portable equipment
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
Gain	5 dB (compared to a ¼ λ portable antenna)
VSWR	< 1.3:1 @ f. res.
Bandwidth	≤ 30 MHz @ SWR ≤ 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	Approx. 340 mm / 13.39 in.
Weight	Approx. 0.05 kg / 0.11 lb