

End-Fed 1/2 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 1/2 λ antenna whip.
- High gain and efficient decoupling from the portable equipment.
- 3 dB gain (typ.) compared to a 1/4 λ antenna whip on the same equipment.
- Highest quality materials in an elegant design.
- Delivered factory tuned and tested to ensure minimum VSWR and optimum performance.
- Provided with universal FME-connection system for optimum flexibility and easily exchangeable connectors.
- Designed for use with the following line of black FME-connectors (to be ordered separately): BFME-UHF, BFME-BNC, BFME-TNC, BFME-N, BFME-EBNC and BFME-ETNC.



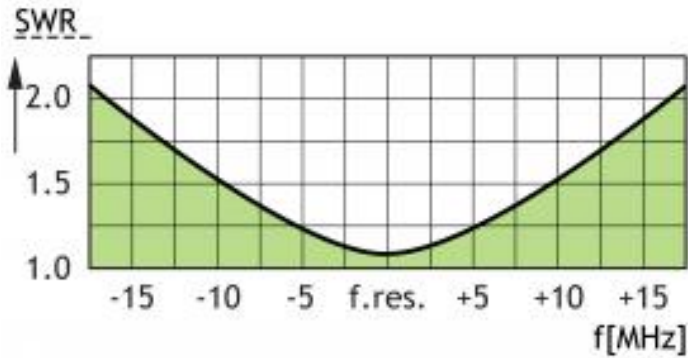
SPECIFICATIONS

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	0 dBd / 2.5 dBi (3 dB compared to a 1/4 λ portable antenna)
VSWR	< 1.3:1 @ f. res.
Bandwidth	≤ 30 MHz @ SWR ≤ 2.5:1
Mechanical	
Connection(s)	FME(f) (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

ORDERING

Model	Product No.	Frequency
FSP 70/385-FME	140000720	370 - 400 MHz
FSP 70/405-FME	140000721	390 - 420 MHz
FSP 70/425-FME	140000722	410 - 440 MHz
FSP 70/445-FME	140000723	430 - 460 MHz
FSP 70/465-FME	140000724	450 - 480 MHz
FSP 70/395-FME	140000793	380-410 MHz
FSP 70/433-FME	140000800	418-448 MHz

TYPICAL VSWR CURVE



RECOMMENDED BFME-CONNECTORS

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

(To be ordered separately)

