

End-Fed $\frac{1}{2} \lambda$ Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 900 MHz

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 or cellular system.
- 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.

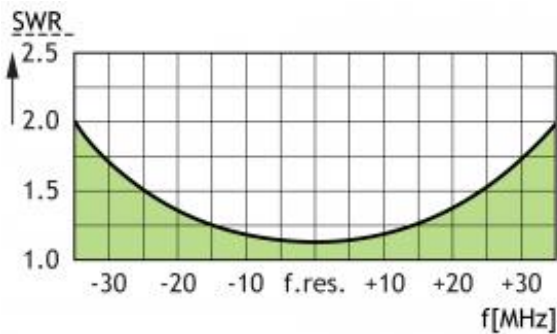


ORDERING

Type	Product No.	Frequency
FSP 900/...-FME	140000231	820 - 960 MHz

ADDITIONAL DATA

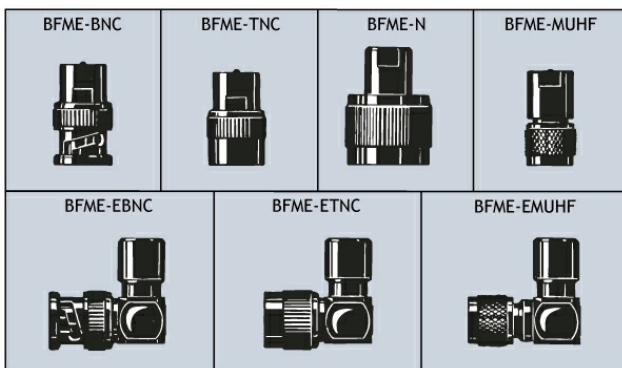
TYPICAL SWR CURVE



SPECIFICATIONS

Electrical	
Model	FSP 900/...-FME
Frequency	900 MHz band (820 - 960 MHz)
Antenna Type	End-fed $\frac{1}{2} \lambda$ antenna for portable equipment
Polarisation	Vertical
Impedance	50 Ω
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	170 mm / 6.69 in.
Weight	0.025 kg / 0.06 lb

RECOMMENDED BFME-CONNECTORS



(To be ordered separately)