FSP 1300/...-FME

End-Fed 1/2 λ Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 1300 MHz Band

DESCRIPTION:

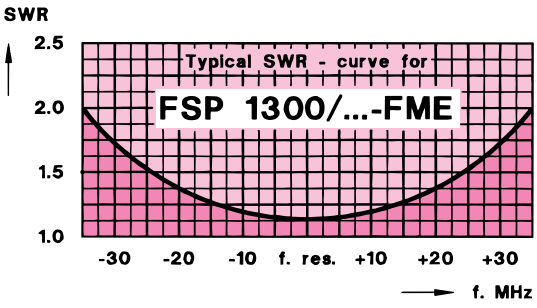
- ★ Highly flexible polyethylene covered StraightFlex steel wire (self-straightening).
- ★ Full size, end-fed 1/2 λ antenna whip – groundplane independent.
- ★ High gain and efficient decoupling from the portable equipment due to half-wave design.
- ★ 5 dB gain (typ.) compared to a 1/4 λ antenna whip 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 PROCOMs line of black FME-connectors (to be ordered separately): BFME-BNC, BFME-TNC, BFME-N, BFME-MUHF, BFME-MQ, BFME-EBNC, BFME-ETNC and BFME-EMUHF.

ORDERING DESIGNATIONS:

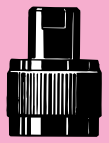
When ordering the antenna, please state the centre frequency, e.g. FSP 1300/1296-FME for centre frequency 1296 MHz.

SPECIFICATIONS:

ELECTRICAL	
ANTENNA TYPE	End-fed 1/2 λ antenna for portable equipment
FREQUENCY	1300 MHz band (1200–1300 MHz)
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dB (compared to a 1/4 λ portable antenna)
BANDWIDTH	≥ 70 MHz at SWR ≤ 2.0
SWR	< 1.3 at f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Polyethylene covered flexible steel wire Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 150 mm
WEIGHT	Approx. 25 g
CONNECTOR	FME (female) (Exchangeable BFME-connectors to be ordered separately)



RECOMMENDED BFME-CONNECTORS: (To be ordered separately)

BFME-BNC	BFME-TNC	BFME-N	BFME-MUHF	BFME-MQ	BFME-EBNC	BFME-ETNC	BFME-EMUHF
							

PROCOM A/S reserve the right to amend specifications without prior notice.

01.2001