FLX 1300/...-FME

End-Fed ½ λ Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 1300 MHz Band

DESCRIPTION

- Flexible antenna made of steel wire covered with black silicone tubing.
- End-fed ½ λ whip – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 5 dB gain compared to a ¼ λ antenna whip on the same equipment.
- Highest quality materials in a long-lasting and durable 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.

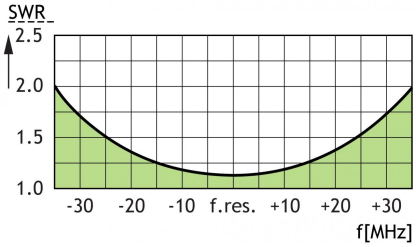
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
FLX 1300/...-FME	140000218

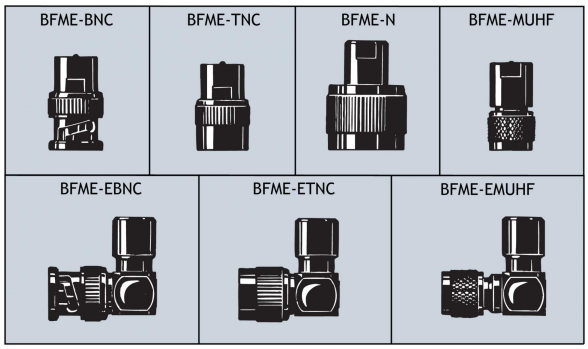
SPECIFICATIONS

ELECTRICAL	
MODEL	FLX 1300/...-FME
ANTENNA TYPE	End-fed ½ λ antenna for portable equipment
FREQUENCY	1300 MHz band (1200 - 1300 MHz)
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	5 dB (compared to a ¼ λ portable antenna)
BANDWIDTH	≥ 70 MHz @ SWR ≤ 2.0
SWR	< 1.3 @ f. res.
MAX. POWER	25 W
MECHANICAL	
MATERIALS	Silicone tube over 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)

TYPICAL SWR CURVE



RECOMMENDED BFME-CONNECTORS



(To be ordered separately)

PLEASE NOTE

The FLX 1300 is also available with SMA male connector, but in this case with fixed, non-exchangeable connector (not FME-connection system). Information on this special version on request.

12/03/13