

HX 4/...-FME

Helical Antenna with Universal FME-Connection System for Portable Equipment in the 4 m Band

- Flexible, conical steel helix moulded in thermoplastic rubber.
- Significant reduction of length due to the helical principle.

DESCRIPTION

- Optimum performance compared to physical dimensions.
- Delivered factory tuned and tested to ensure minimum SWR.
- 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 and BFME-N.

ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	FREQUENCY
HX 4/l-FME	140000067	66 - 76 MHz
HX 4/m-FME	140000072	72 - 82 MHz
HX 4/h-FME	140000064	78 - 88 MHz

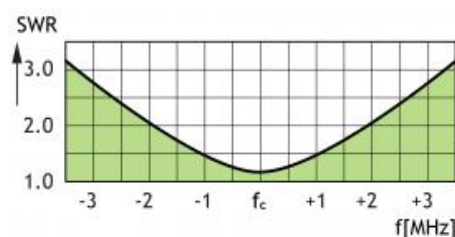
SPECIFICATIONS

ELECTRICAL	
MODEL	HX 4/...-FME
ANTENNA TYPE	Shortened $\frac{1}{4} \lambda$ antenna for portable equipment
FREQUENCY	4 m band covered by three models
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
BANDWIDTH	≥ 6 MHz at f_c @ SWR ≤ 3.0
SWR	< 2 @ f_c when mounted directly on portable equipment
MAX. POWER	50 W

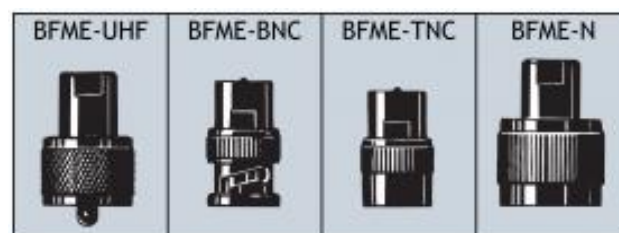
MECHANICAL	
MATERIALS	Steel helix moulded in thermoplastic rubber Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	290 mm (dep. on type)
WEIGHT	Approx. 80 g
CONNECTOR	FME-female (Exchangeable BFME-connectors to be ordered separately)



TYPICAL SWR CURVE



RECOMMENDED BFME-CONNECTORS



(To be ordered separately)

PLEASE NOTE

The HX 4 is also available with different thread studs, but in this case with fixed, non-exchangeable connector (not FME-connection system). Information on these special versions on request.