

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

DESCRIPTION

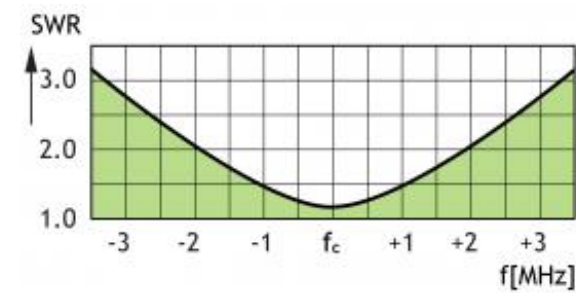
- Flexible, conical steel helix moulded in thermoplastic rubber.
- Significant reduction of length due to the helical principle.
- Optimum performance compared to physical dimensions.
- Delivered factory tuned and tested to ensure minimum SWR.
- Provided with universal FME-connection system for optimum 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

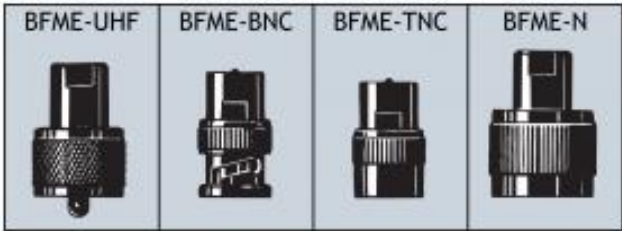
Type	Product No.	Frequency
HX 4/l-FME	140000067	66 - 76 MHz
HX 4/m-FME	140000072	72 - 82 MHz
HX 4/h-FME	140000064	78 - 88 MHz

ADDITIONAL DATA

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.



SPECIFICATIONS

Electrical	
Model	HX 4/...-FME
Frequency	4 m band covered by three models
Antenna Type	Shortened $\frac{1}{4}\lambda$ antenna for portable equipment
Max. Input Power	50 W
Polarisation	Vertical
Impedance	50 Ω
VSWR	< 2.0:1 @ f_c when mounted directly on portable equipment
Mechanical	
Connection(s)	FME female (Exchangeable BFME-connectors to be ordered separately)
Materials	Steel helix moulded in thermoplastic rubber Black-chromed brass
Colour	Black
Height	290 mm / 11.42 in.
Weight	0.08 kg / 0.18 lb