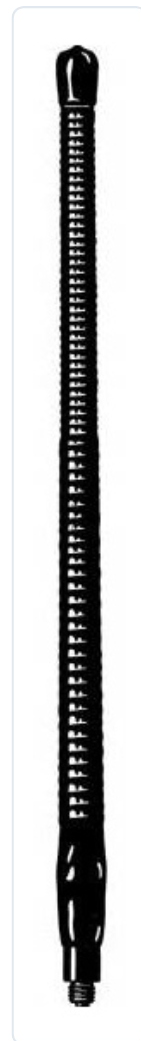




HX 4/...-FME

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 VSWR.
- 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

SPECIFICATION

Last Update: 07/10/2026 07:09 AM

ELECTRICAL

Model	HX 4/...-FME
Frequency	4 m band covered by three models
Antenna Type	Shortened $\frac{1}{4}$ λ 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
Bandwidth	≥ 16 MHz @ VSWR $\leq 3.0:1$

MECHANICAL

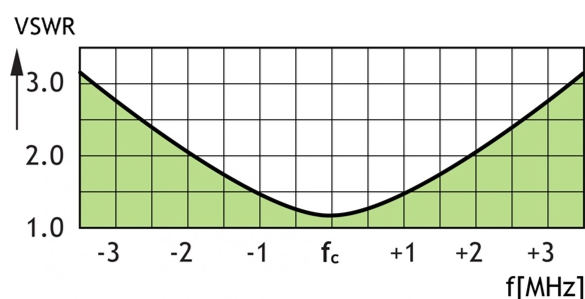
Connection(s)	FME(f) (Exchangeable BFME-connectors to be ordered separately)
Materials	Steel helix moulded in thermoplastic rubber Black-chromed brass
Colour	Black
Historic Brand	Amphenol Procom
Height	Approx. 290 mm / 11.42 in.
Weight	Approx. 0.08 kg / 0.18 lb.

ORDERING CODES

MODEL	PRODUCT NO.	FREQUENCY
HX 4/l-FME(f)	140000067	66 – 76 MHz
HX 4/m-FME(f)	140000072	72 – 82 MHz
HX 4/h-FME(f)	140000064	78 – 88 MHz

DIAGRAMS

Typical VSWR curve



Recommended BFME-Connectors (To be ordered separately)

BFME-UHF	BFME-BNC	BFME-TNC	BFME-N
			

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.