

Antenna with Universal FME-Connection System for
Portable Equipment in the 70 cm Band

DESCRIPTION

- Short conical steel helix moulded in flexible thermoplastic rubber.
- Reduced-size $\frac{1}{4} \lambda$ helical antenna whip.
- 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 Procoms line of black FME-connectors (to be ordered separately): BFME-UHF, BFME-BNC, BFME-TNC, BFME-N, BFME-MUHF, BFME-EBNC, BFME-ETNC and BFME-EMUHF.



SPECIFICATIONS

Electrical	
Model	HX 70/...-FME
Frequency	70 cm band covered by four models
Antenna Type	Shortened $\frac{1}{4} \lambda$ antenna for portable equipment
Max. Input Power	50 W
Polarisation	Vertical
Impedance	50 Ω
Gain	Approx. -3 dB (compared to a $\frac{1}{4} \lambda$ portable antenna)
Bandwidth	≥ 20 MHz @ VSWR $\leq 2.0:1$
Mechanical	
Connection(s)	FME(f) (Exchangeable BFME-connectors to be ordered separately)
Materials	Steel helix moulded in flexible thermoplastic rubber Black POM
Colour	Black
Height	Approx. 65 mm / 2.56 in.
Weight	Approx. 0.02 kg / 0.04 lb.









PLEASE NOTE

The HX 70 is also available with SMA male connector and different thread studs, but in this case with fixed, non-exchangeable connector (not FME-connection system). Information on these special versions on request.

ORDERING

Model	Product No.	Frequency
HX 70/s-FME(f)	140000195	380 - 410 MHz
HX 70/l-FME(f)	140000204	400 - 430 MHz
HX 70/m-FME(f)	140000205	420 - 450 MHz
HX 70/h-FME(f)	140000201	440 - 470 MHz

RECOMMENDED BFME-CONNECTORS

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

(To be ordered separately)