

HX 70/...-FME

Helical 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 1/4 λ helical antenna whip.
- 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 Procoms line of black FME-connectors (to be ordered separately): BFME-UHF, BFME-BNC, BFME-TNC, BFME-N, BFME-MUHF, BFME-MQ, BFME-EBNC, BFME-ETNC and BFME-EMUHF.



ORDERING DESIGNATIONS

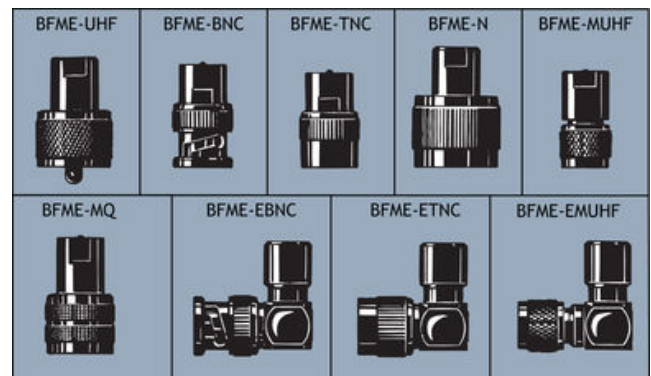
FREQ.	380 – 410 MHz	400 – 430 MHz	420 – 450 MHz	440 – 470 MHz
TYPE NO.	HX 70/s-FME	HX 70/l-FME	HX 70/m-FME	HX 70/h-FME

SPECIFICATIONS

ELECTRICAL	
MODEL	HX 70/...-FME
ANTENNA TYPE	Shortened 1/4 λ antenna for portable equipment
FREQUENCY	70 cm band covered by four models
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	Approx. -3 dB (equal to a 1/4 λ portable antenna on the same equipment)
BANDWIDTH	≥ 20 MHz @ SWR ≤ 2.0
SWR	<1.5 when mounted directly on portable equipment
MAX. POWER	50 W
MECHANICAL	
MATERIALS	Steel helix moulded in flexible thermoplastic rubber Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 65 mm (dep. on type)
WEIGHT	Approx. 20 g
CONNECTOR	FME (female) (Exchangeable BFME-connectors to be ordered separately)

RECOMMENDED BFME-CONNECTORS

(To be ordered separately)



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.



PROCOM A/S reserve the right to amend specifications without prior notice.

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