

# HX 70/...-GP 300

## Helical Antenna for Portable Motorola Equipment in the 70 cm Band



### DESCRIPTION:

- ★ Short conical steel helix moulded in flexible thermoplastic rubber.
- ★ Reduced-size  $1/4 \lambda$  helical antenna whip.
- ★ Optimum performance compared to physical dimensions.
- ★ Delivered factory tuned and tested to ensure minimum SWR.
- ★ Especially designed for Motorola GP 300, GP 344, GP 360 and GP 388 (450 MHz band) etc.

### ORDERING DESIGNATIONS:

FREQUENCY	380-410 MHz	400-430 MHz	420-450 MHz	440-470 MHz
TYPE NO.	HX 70/s-GP 300	HX 70/l-GP 300	HX 70/m-GP 300	HX 70/h-GP 300

### SPECIFICATIONS:

ELECTRICAL	
MODEL	HX 70/...-GP 300
ANTENNA TYPE	Shortened $1/4 \lambda$ helical antenna for portable equipment
FREQUENCY	70 cm band covered by four models
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
GAIN	Approx. -3 dB (compared to a $1/4 \lambda$ portable antenna on the same equipment)
BANDWIDTH	$\geq 20$ MHz at SWR $\leq 2.0$
SWR	$\leq 1.5$ when mounted directly on portable equipment
MAX. POWER	50 watt
MECHANICAL	
MATERIALS	Steel helix moulded in flexible thermoplastic rubber Environment proof plastics Cu-nite brass
COLOUR	Black
TOTAL HEIGHT	Approx. 65 mm (dep. on type)
WEIGHT	Approx. 20 g
CONNECTOR	1/4"-32 UNEF

