

# HX 2/...-GP 300

## Helical Antenna for Portable Equipment in the 2 m Band

PROCOM

### DESCRIPTION:

- ★ Flexible, 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 (150 MHz band) etc.

### ORDERING DESIGNATIONS:

FREQUENCY	144-160 MHz	152-168 MHz	160-175 MHz
TYPE NO.	HX 2/l-GP 300	HX 2/m-GP 300	HX 2/h-GP 300

### SPECIFICATIONS:

ELECTRICAL	
MODEL	HX 2/...-GP 300
ANTENNA TYPE	Shortened $1/4 \lambda$ helical antenna for portable equipment
FREQUENCY	2 m band covered by three models
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
GAIN	Approx. -3 dB (compared to a $1/4 \lambda$ portable antenna on the same equipment)
BANDWIDTH	$\geq 16$ MHz @ SWR $\leq 3.0$
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. 150 mm (dep. on type)
WEIGHT	Approx. 30 g
CONNECTOR	1/4"-32 UNEF

