

Helical Antenna for Portable Equipment in the 2 m Band

DESCRIPTION

- Flexible, 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 SWR.
- Especially designed for Motorola GP 300, GP 344, GP 360 and GP 388 (150 MHz band) etc.

SPECIFICATIONS

Electrical	
Model	HX 2/...-GP 300
Frequency	2 m band covered by three models
Antenna Type	Shortened $\frac{1}{4}\lambda$ helical antenna
Max. Input Power	50 W
Polarisation	Vertical
Impedance	50 Ω
Gain	Approx. -3 dB (compared to a $\frac{1}{4} \lambda$ portable antenna)
VSWR	< 1.5:1 when mounted directly on portable equipment

Mechanical	
Connection(s)	1/4"-32 UNEF
Materials	Steel helix moulded in flexible thermoplastic rubber Weather- and shockproof plastics Cu-nite brass
Colour	Black
Height	150 mm / 5.91 in.
Weight	0.03 kg / 0.07 lb

ORDERING

Type	Product No.	Frequency
HX 2/l-GP 300	140000136	144 - 160 MHz
HX 2/m-GP 300	140000128	152 - 168 MHz
HX 2/h-GP 300	140000127	160 - 175 MHz



DIAGRAM

TYPICAL SWR CURVES

