

HX 2/...-GP 300

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.



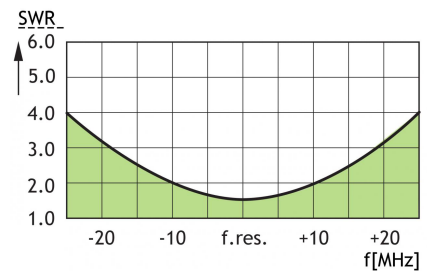
ORDERING DESIGNATIONS

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

SPECIFICATIONS

ELECTRICAL	
MODEL	HX 2/...-GP 300
ANTENNA TYPE	Shortened $\frac{1}{4} \lambda$ helical antenna for portable equipment
FREQUENCY	2 m band covered by three models
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	Approx. -3 dB (compared to a $\frac{1}{4} \lambda$ portable antenna on the same equipment)
BANDWIDTH	≥ 16 MHz @ SWR ≤ 3.0
SWR	< 1.5 when mounted directly on portable equipment
MAX. POWER	50 W
MECHANICAL	
MATERIALS	Steel helix moulded in flexible thermoplastic rubber Weather- and shockproof plastics Cu-nite brass
COLOUR	Black
TOTAL HEIGHT	Approx. 150 mm (dep. on type)
WEIGHT	Approx. 30 g
CONNECTOR	1/4"-32 UNEF

TYPICAL SWR CURVES



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