

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 $\frac{1}{4} \lambda$ 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 (450 MHz band) etc.



ORDERING DESIGNATIONS

| TYPE NO. | PRODUCT NO. | FREQUENCY |
|----------------|-------------|---------------|
| HX 70/s-GP 300 | 140000370 | 380 – 410 MHz |
| HX 70/l-GP 300 | 140000369 | 400 – 430 MHz |
| HX 70/m-GP 300 | 140000206 | 420 – 450 MHz |
| HX 70/h-GP 300 | 140000198 | 440 – 470 MHz |

SPECIFICATIONS

| ELECTRICAL | |
|--------------|---|
| MODEL | HX 70/...-GP 300 |
| ANTENNA TYPE | Shortened $\frac{1}{4} \lambda$ helical antenna for portable equipment |
| FREQUENCY | 70 cm band covered by four 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 | ≥ 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 Weather- and shockproof plastics Cu-nite brass |
| COLOUR | Black |
| TOTAL HEIGHT | Approx. 65 mm (dep. on type) |
| WEIGHT | Approx. 20 g |
| CONNECTOR | 1/4"-32 UNEF |



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11/03/11