

Antenna with Universal SMA-Connection System for Portable Equipment in the 70 cm Band

DESCRIPTION

- Short conical steel helix moulded in flexible thermoplastic rubber.
- Reduced-size $\frac{1}{4}$ λ helical antenna whip.
- Optimum performance compared to physical dimensions.
- Delivered factory tuned and tested to ensure minimum VSWR.
- Designed for use with SMA-connector.



SPECIFICATIONS

| Electrical | |
|------------------|--|
| Model | HX 70/...-SMA |
| Frequency | 70 cm band covered by four models |
| Antenna Type | Shortened $\frac{1}{4}$ λ antenna for portable equipment |
| Max. Input Power | 50 W |
| Polarisation | Vertical |
| Impedance | 50 Ω |
| Gain | Approx. -3 dB (compared to a $\frac{1}{4}$ λ portable antenna) |
| VSWR | < 1.5:1 when mounted directly on portable equipment |
| Bandwidth | \geq 20 MHz @ VSWR \leq 2.0:1 |

| Mechanical | |
|---------------|---|
| Connection(s) | SMA(m) |
| Materials | Steel helix moulded in flexible thermoplastic rubber Black-chromed brass |
| Colour | Black |
| Height | Approx. 88.5 mm / 3.48 in. |
| Weight | Approx. 0.03 kg / 0.07 lb. |

ORDERING

| Model | Product No. | Frequency |
|----------------|-------------|---------------|
| HX 70/s-SMA(m) | 140000308 | 380 - 410 MHz |
| HX 70/l-SMA(m) | 140000293 | 400 - 430 MHz |
| HX 70/m-SMA(m) | 140000306 | 420 - 450 MHz |
| HX 70/h-SMA(m) | 140000307 | 440 - 470 MHz |