

Helical Antenna for ICOM Portable 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 ICOM IC-F61 (450 MHz band).

SPECIFICATIONS

Electrical	
Model	HX 70/...-IC-F61
Frequency	70 cm band covered by four models
Antenna Type	Shortened $\frac{1}{4}\lambda$ helical antenna
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
Maximum Input Power	50 W

Mechanical	
Connection(s)	1/4"-32 UNEF
Materials	Steel helix moulded in flexible thermoplastic rubber Weather- and shockproof plastics Black-chromed brass
Colour	Black
Height	65 mm / 2.56 in.
Weight	0.02 kg / 0.04 lb

ORDERING

Type	Product No.	Frequency
HX 70/s-IC-F61	140000199	380 - 410 MHz
HX 70/l-IC-F61	140000202	400 - 430 MHz
HX 70/m-IC-F61	140000327	420 - 450 MHz
HX 70/h-IC-F61	140000200	440 - 470 MHz



DIAGRAM

TYPICAL SWR CURVE

