

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 $\frac{1}{4} \lambda$ 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 $\frac{1}{4} \lambda$ antenna for portable equipment
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
Bandwidth	≥ 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