

# End-Fed ½ λ Dipole Antenna with SMA connector

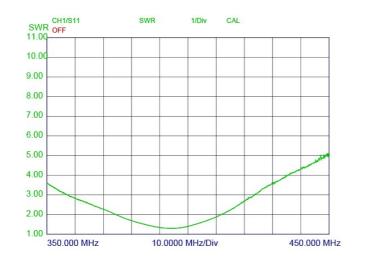
### DESCRIPTION

- > Suitable for the Sepura STP9000 radio series.
- > Highly flexible polyethylene covered StraightFlex steel wire (self-straightening).
- > Full-size, end-fed ½ λ antenna whip.
- > High gain and efficient decoupling from the portable equipment.
- $\blacktriangleright$  5 dB gain (typ.) compared to a ½  $\lambda$  antenna whip on the same equipment.
- > Highest quality materials in an elegant design.
- Delivered factory tuned and tested to ensure minimum VSWR and optimum performance.

### **ORDERING**

Model	Product No.	Frequency
FSP 70/395-STP9000	140000699	380 - 410 MHz

### TYPICAL VSWR CURVE



## **SPECIFICATIONS**

Electrical		
Model	FSP 70/395-STP9000	
Frequency	380 - 410 MHz	
Antenna Type	Antenna for portable equipment	
Max. Input Power	25 W	
Polarisation	Vertical	
Impedance	50 Ω	
Gain	5 dB (compared to a ¼ λ portable antenna)	
VSWR	< 1.5:1 @ f. res.	
Bandwidth	≤ 30 MHz @ VSWR ≤ 2.5:1	

Mechanical		
Connection(s)	SMA(m) connector designed to fit Sepura STP9000-serie.	
Materials	Polyethylene covered flexible steel wire Black-chromed brass	
Colour	Black	
Height	Approx. 400 mm / 15.75 in.	
Weight	Approx. 0.05 kg / 0.11 lb	