

End-Fed ½ λ Dipole Antenna for Portable Equipment in the 900 MHz Band

DESCRIPTION

- Highly flexible polyethylene covered StraightFlex steel wire (self-straightening).
- Full size, end-fed ½ λ antenna whip – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 2.15 dBi gain half-wave dipole antenna.
- Highest quality materials in a slender and elegant design.
- Delivered factory tuned to customer specified frequency or cellular system.
- Provided with SMA male connector.

SPECIFICATIONS

Electrical	
Model	FSP 900/...-SMA
Frequency	900 MHz band (820 - 960 MHz)
Antenna Type	End-fed ½λ antenna for portable equipment
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
Gain	0 dB (compared to a ¼ λ portable antenna)
VSWR	< 1.3:1 @ f. res.

Mechanical	
Connection(s)	SMA(m)
Materials	Polyethylene covered flexible steel wire Weather- and shockproof plastics Black-chromed brass
Colour	Black
Height	170 mm / 6.69 in.
Weight	0.025 kg / 0.06 lb

ORDERING

Type	Product No.	Frequency
FSP 900/...-SMA	140000295	820 - 960 MHz



DIAGRAM

TYPICAL SWR CURVE

