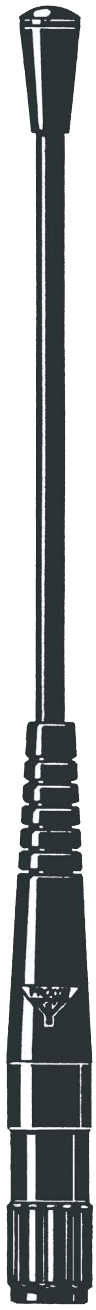
FSP 900/...-SMA

End-Fed 1/2 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 1/2 λ antenna whip – groundplane independent.
- ★ High gain and efficient decoupling from the portable equipment due to half-wave design.
- ★ 5 dB gain (typ.) compared to a 1/4 λ antenna whip on the same equipment.
- ★ Highest quality materials in a slender and elegant design.
- ★ Delivered factory tuned to customer specified frequency or cellular system.
- ★ Provided with SMA male connector.

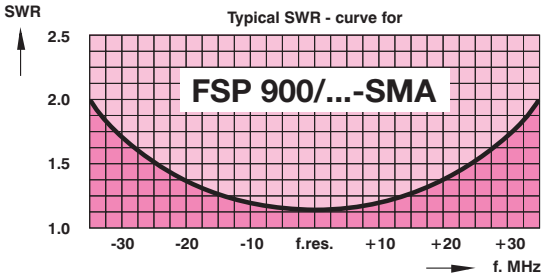


ORDERING DESIGNATIONS:

When ordering the antenna, please state the centre frequency or the name of a cellular network.

EXAMPLES OF ORDERING:

FREQUENCY/ CELLULAR NETWORK	TYPE
915 MHz	FSP 900/915-SMA
NMT-900	FSP 900/NMT-SMA
ETACS	FSP 900/ETACS-SMA
EAMPS	FSP 900/EAMPS-SMA



SPECIFICATIONS:

ELECTRICAL	
MODEL	FSP 900/...-SMA
ANTENNA TYPE	End-fed 1/2 λ antenna for portable equipment
FREQUENCY	900 MHz band (820–960 MHz)
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dB (compared to a 1/4 λ portable antenna on the same equipment)
BANDWIDTH	≥ 70 MHz @ SWR ≤ 2.0
SWR	< 1.3 @ f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Polyethylene covered flexible steel wire Environment-proof plastics Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 170 mm (dep. on type)
WEIGHT	Approx. 25 g
CONNECTOR	SMA (male)

10.2004