End-Fed ½ λ Dipole Antenna for Portable Equipment in TETRA Band

DESCRIPTION

- 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.
- 0 / 2.15 dBi gain compared to a base station antenna.
- Highest quality materials in an elegant design.
- Delivered factory tuned and tested to ensure minimum VSWR and optimum performance.
- Provided with 4 m cable with FME connector.
- The unit is special designed to have optimum antennaperformance on temporary sites, compared to a quarterwave whip.

ORDERING

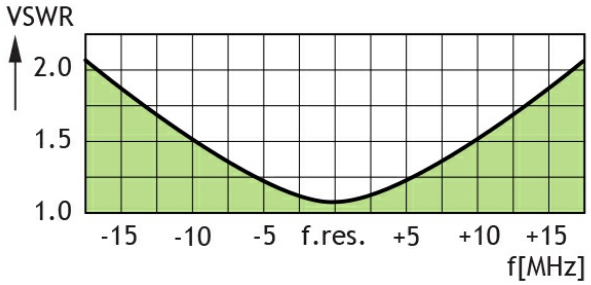
Model	Product No.
FSP 70/TETRA-DESK STAND	140000401

SPECIFICATIONS

Electrical	
Model	FSP 70/TETRA-DESK STAND
Frequency	TETRA (380 - 410 MHz) other frequencies on request
Antenna Type	Antenna for portable equipment
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
Gain	0 dB (2.15 dBi) (compared to ½ λ dipole)
VSWR	< 1.3:1 @ f. res.

Mechanical	
Connection(s)	4 m RG 58 low loss cable with FME (female) connector
Materials	Polyethylene covered flexible steel wire Black-chromed brass
Colour	Black
Height	Approx. 485 mm / 19.09 in.
Weight	Approx. 0.36 kg / 0.79 lb.

TYPICAL VSWR CURVE



ASSEMBLY INSTRUCTION