

DESCRIPTION

- > Flexible skirt dipole antenna element built into an elastic shroud of hard-wearing and environment-proof plastics.
- > “Elevated feed” $\frac{1}{2} \lambda$ dipole antenna element – groundplane independent.
- > High gain and efficient decoupling from the portable equipment due to half-wave design.
- > 5 dB gain (typ.) compared to a $\frac{1}{4} \lambda$ antenna whip on the same equipment.
- > Highest quality materials in a modern “High-Tech” design.
- > Delivered factory tuned to customer’s specified frequency or cellular system.
- > Provided with TNC (male) connector.

SPECIFICATIONS

Electrical	
Model	ELF 900/...-TNC
Frequency	Models within 850 - 960 MHz
Antenna Type	Dual-frequency elevated feed $\frac{1}{2} \lambda$ skirt dipole antenna for portable equipment
Polarisation	Vertical
Impedance	50 Ω
Gain	5 dB (compared to a $\frac{1}{4} \lambda$ portable antenna)
VSWR	< 1.3:1 @ f. res.
Maximum Input Power	25 W

Mechanical	
Connection(s)	TNC
Materials	Thermoplastic rubber Brass
Colour	Black
Height	210 mm / 8.27 in.
Weight	0.04 kg / 0.09 lb

ORDERING

Type	Product No.	Frequency
ELF 900/...-TNC	140000212	To be stated within 850 - 960 MHz
ELF 900/h-TNC	140000604	880 - 960 MHz



DIAGRAM

TYPICAL SWR CURVE

