

“Elevated-Feed” ½ λ Dipole Antenna for Portable
Equipment in the 2500 MHz Band

DESCRIPTION

- Flexible skirt dipole antenna element built into an elastic shroud of hard-wearing and weather- and shockproof plastics.
- “Elevated feed” ½ λ dipole antenna element – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 3 dB gain (typ.) compared to a ¼ λ antenna whip on the same equipment.
- Highest quality materials in a modern “High-Tech” design.
- Delivered factory tuned to customer's specified frequency.
- Provided with TNC(m) connector.



SPECIFICATIONS

Electrical	
Model	ELF 2500/...-TNC
Frequency	2300 - 2500 MHz
Antenna Type	Dual-frequency elevated feed ½ λ skirt dipole antenna for portable equipment
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
Gain	0 dBd / 2.15 dBi (3 dB compared to a ¼ λ portable antenna)
VSWR	< 1.3:1 @ f. res.
Bandwidth	> 160 MHz @ VSWR < 2.0

Mechanical	
Connection(s)	TNC(m)
Materials	Thermoplastic rubber, Brass
Colour	Black
Height	Approx. 190 mm / 7.48 in.
Weight	Approx. 0.03 kg / 0.07 lb

ORDERING

Model	Product No.	Frequency
ELF 2500/2350-TNC(m)	140000250	2270 - 2430 MHz
ELF 2500/2400-TNC(m)	140000251	2320 - 2480 MHz
ELF 2500/2450-TNC(m)	140000252	2370 - 2530 MHz

TYPICAL VSWR CURVE

