

DESCRIPTION

- > Flexible skirt dipole antenna element built into an elastic shroud of hard-wearing and weather- and shockproof 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.



ORDERING

| Type | Product No. | Frequency |
|-------------------|-------------|--------------|
| ELF 1800/DCS-TNC | 140000272 | DCS-1800/PCN |
| ELF 1800/DECT-TNC | 140000249 | DECT |

SPECIFICATIONS

| Electrical | |
|---------------------|--|
| Model | ELF 1800/...-TNC |
| Frequency | Center frequency to be stated within 1700 - 2000 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(m) |
| Materials | Thermoplastic rubber Brass |
| Colour | Black |
| Height | 190 mm / 7.48 in. |
| Weight | 0.03 kg / 0.07 lb |

