AMPHENOL

Dual-frequency

DESCRIPTION

- Flexible skirt dipole antenna element built into an elastic shroud of hard-wearing and weather- and shockproof plastics.
- > "Elevated feed" $^{1\!\!/_2}\lambda$ -dipole antenna element groundplane independent.
- > High gain and efficient decoupling from the portable equipment due to half-wave design.
- \sum 5 dB gain (typ.) compared to a 1/4 λ antenna whip on the same equipment.
- > Highest quality materials in a modern "High-Tech" design.
- Provided with TNC (male) connector.

SPECIFICATIONS

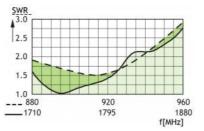
Electrical		
Model	ELF 900/1800-TNC	
Frequency	880 - 960 MHz (EGSM/NMT-900) and 1710 - 1880 MHz (DCS-1800/PCN)	
Antenna Type	Dual-frequency elevated feed ½ A skirt dipole antenna for portable equipment	
Max. Input Power	25 W	
Polarisation	Vertical	
Impedance	50 Ω	
Gain	5 dB (compared to a 1/4 λ portable antenna)	
VSWR	< 1.5:1 @ f. res. at 900 MHz < 1.1 @ f. res. at 1800 MHz	
Bandwidth	900 MHz: = 65 MHz @ SWR = 2.0:1 (typ.) 1800 MHz: = 150 MHz @ SWR = 2.3:1 (typ.)	

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



DIAGRAM

TYPICAL SWR CURVE



ORDERING

Туре	Product No.
ELF 900/1800-TNC	140000209

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