

End-Fed 1/2 λ Dipole Antenna with SMA-Connector for
Portable Equipment in the 2400 MHz Band

DESCRIPTION

- Flexible antenna made of steel wire covered with black silicone tubing.
- End-fed 1/2 λ whip – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 3 dB gain compared to a 1/4 λ antenna whip on the same equipment.
- Highest quality materials in a long-lasting and durable design.
- Models available for the ISM, RLAN, WLAN systems.
- Provided with SMA (m) connector.



SPECIFICATIONS

Electrical	
Model	FLX 2412/...-SMA
Frequency	To be specified within 2300 - 2500 MHz
Antenna Type	End-fed 1/2 λ 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 1/4 λ portable antenna)
Bandwidth	≤ 100 MHz @ VSWR ≤ 2.0
Mechanical	
Connection(s)	SMA(m)
Materials	Silicone tube over flexible steel wire Black-chromed brass
Colour	Black
Height	Approx. 85 mm / 3.35 in.
Weight	Approx. 0.022 kg / 0.05 lb.

ORDERING

Model	Product No.	Frequency
FLX 2412/2350-SMA(m)	140000769	2300-2400 MHz
FLX 2412/2400-SMA(m)	140000770	2350-2450 MHz
FLX 2412/2450-SMA(m)	140000771	2400-2500 MHz

TYPICAL VSWR CURVE

