

End-Fed 1/2 λ Whip on 900 MHz and 1/4 λ Whip on 400 MHz for Portable Equipment

DESCRIPTION

- Flexible antenna made of steel wire covered with black silicone tubing.
- End-fed 1/2 λ whip on 900 MHz, and 1/4 λ whip on 400 MHz.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 3 dB gain (typ.) compared to a 1/4 λ antenna whip on the same equipment.
- Highest quality materials in a long-lasting and durable design.
- Provided with FME(f) connector.



SPECIFICATIONS

Electrical	
Model	FLX 400/900-FME
Frequency	400 MHz band : 270 - 450 MHz 900 MHz band : 830 - 920 MHz
Antenna Type	End-fed 1/2 λ on 900 MHz and 1/4 λ on 400 MHz 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)
VSWR	< 1.3:1 @ f. res. for 900 MHz band
Bandwidth	400 MHz : @ 180 MHz @ VSWR @ 5.0:1 900 MHz : @ 90 MHz @ VSWR @ 2.0:1
Mechanical	
Connection(s)	FME(f)
Materials	Silicone tube over flexible steel wire Black-chromed brass
Colour	Black
Height	Approx. 180 mm / 7.09 in.
Weight	Approx. 0.03 kg / 0.07 lb.

ORDERING

Model	Product No.
FLX 400/900-FME	140000438

TYPICAL VSWR CURVE

