End-Fed ½ λ Dipole Antenna with RSMA-connector for Portable Equipment in the 2400 MHz Band

DESCRIPTION

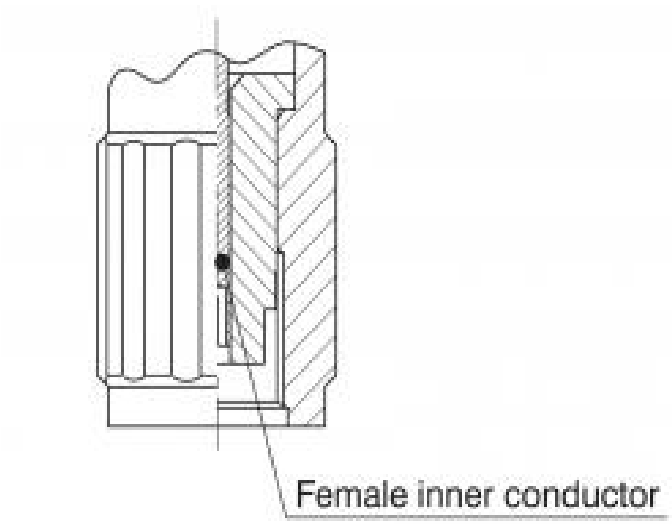
- End-fed ½ λ whip – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 3 dB gain (typ.) compared to a ¼ λ antenna whip on the same equipment.
- Highest quality materials in a long-lasting and durable design.
- Models available for the ISM, RLAN, WLAN systems.
- Provided with RSMA connector.

SPECIFICATIONS

Electrical	
Model	EFD 2412/...-RSMA
Frequency	To be specified within 2350 - 2550 MHz
Antenna Type	End-fed ½ 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 ¼ λ portable antenna)
Bandwidth	≥ 50 MHz @ VSWR ≤ 1.5 ≥ 200 MHz @ VSWR ≤ 2.0

Mechanical	
Connection(s)	RSMA(f)
Materials	Black cover POM, Black-chromed brass
Colour	Black
Height	Approx. 110 mm / 4.33 in.
Weight	Approx. 0.022 kg / 0.05 lb.

RSMA CONNECTOR DETAILS



ORDERING

Model	Product No.	Frequency
EFD 2412/2300-RSMA(f)	140000341	2200-2400 MHz
EFD 2412/2350-RSMA(f)	140000342	2250-2450 MHz
EFD 2412/2400-RSMA(f)	140000343	2300-2500 MHz
EFD 2412/2450-RSMA(f)	140000344	2350-2550 MHz
EFD 2412/2500-RSMA(f)	140000345	2400-2600 MHz

ORDERING NOTE

When ordering the antenna, please state the centre frequency, e.g. EFD 2412/2450-RSMA for centre frequency 2450 MHz.

PROCOM A/S reserves the right to
amend specifications without prior notice