

EFD 2412/2450-SMA GOLD

End-Fed $\frac{1}{2} \lambda$ Dipole Antenna with SMA-Connector for Portable Equipment in the 2450 MHz Band

DESCRIPTION

- End-fed $\frac{1}{2} \lambda$ whip – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 5 dB gain compared to a $\frac{1}{4} \lambda$ 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 (male) connector.



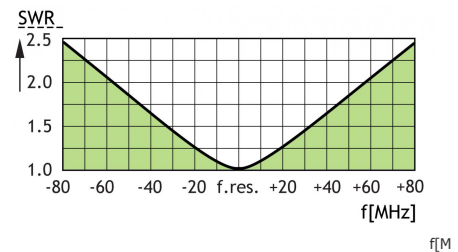
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
EFD 2412/2450-SMA GOLD	140000224

SPECIFICATIONS

ELECTRICAL	
MODEL	EFD 2412/2450-SMA GOLD
ANTENNA TYPE	End-fed $\frac{1}{2} \lambda$ antenna for portable equipment
FREQUENCY	2400 – 2500 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	5 dB (compared to a $\frac{1}{4} \lambda$ portable antenna on the same equipment)
BANDWIDTH	≥ 100 MHz @ SWR ≤ 1.8
SWR	< 1.3 @ 2450 MHz
MAX. POWER	25 W
MECHANICAL	
MATERIALS	Black cover POM Black-chromed brass gold plated
COLOUR	Black and gold
TOTAL HEIGHT	Approx. 110 mm
WEIGHT	Approx. 22 g
CONNECTOR	SMA (male)

TYPICAL SWR CURVE



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