

# EFD 2412/...-RSMA

*End-Fed 1/2  $\lambda$  Dipole Antenna with  
RSMA-Connector for Portable Equipment  
in the 2400 MHz Band*



## DESCRIPTION:

- ★ End-fed 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 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 and WLAN systems.
- ★ Provided with RSMA connector.

## ORDERING DESIGNATIONS:

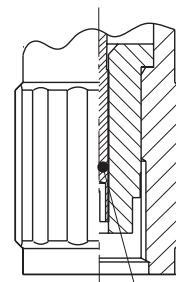
When ordering the antenna, please state the centre frequency, e.g. EFD 2412/2450-RSMA for centre frequency 2450 MHz.

## SPECIFICATIONS:

| ELECTRICAL   |   |
|--------------|---|
| MODEL        | EFD 2412/...-RSMA   |
| ANTENNA TYPE | End-fed 1/2 $\lambda$ antenna for portable equipment                      |
| FREQUENCY    | To be specified within 2350-2550 MHz                                      |
| IMPEDANCE    | Nom. 50 $\Omega$  |
| POLARISATION | Vertical  |
| GAIN         | 5 dB (compared to a 1/4 $\lambda$ portable antenna on the same equipment) |
| BANDWIDTH    | > 100 MHz @ SWR $\leq$ 1.7  |
| SWR          | < 1.3 @ f. res.   |
| MAX POWER    | 25 watts  |
| MECHANICAL   |   |
| MATERIALS    | Black cover POM<br>Black-chromed brass                                    |
| COLOUR       | Black   |
| HEIGHT       | 110 mm  |
| WEIGHT       | Approx. 22 g  |
| CONNECTOR    | RSMA  |



## RSMA CONNECTOR DETAILS:



Female inner conductor