

## Mobilfunk-Antenne FAC90801\_0000



- External omnidirectional mobile radio antenna
- Compact, space-saving design
- Installation in 13 mm hole in the control cabinet
- 1 m connection cable with SMA plug
- Gain 1.2 to 3.2 dBi (depending on frequency range)

[https://www.wachendorff-prozesstechnik.de/en/FAC90801\\_0000](https://www.wachendorff-prozesstechnik.de/en/FAC90801_0000)

### Description

Omnidirectional mobile radio antenna with connection cable for Ewon routers with mobile radio for the APAC region. Space-saving and compact design. The antenna can be screwed directly into a 13 mm hole in the control cabinet.

### Product details

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces:          | 1x SMA plug                                                                                                                              |
| Cable length:        | 1 meter RG316                                                                                                                            |
| Frequency ranges:    | 700 to 960 MHz<br>1710 to 2170 MHz<br>2400 to 2483 MHz<br>2500 to 2800 MHz                                                               |
| Antenna gain:        | 1.2 dBi (at 698 to 960 MHz)<br>3.2 dBi (at 1710 to 2170 MHz)<br>1.5 dBi (at 2400 to 2483 MHz)<br>2.5 dBi (at 2500 to 2800 MHz)           |
| Impedance:           | 50 Ohm                                                                                                                                   |
| Art:                 | Omnidirectional antenna                                                                                                                  |
| Weight:              | 66 g                                                                                                                                     |
| Dimensions:          | H x W: 48 mm x Ø 50 mm                                                                                                                   |
| Protection class:    | IP69K                                                                                                                                    |
| Ambient temperature: | Operation: -40 °C to +85 °C<br>Storage: -40 °C to +85 °C                                                                                 |
| Assembly:            | It is mounted in a 13 mm hole and fixed in place using the M12 nut supplied. The enclosed sealing ring enables an IP69K protection class |

### Products Order no.

|               |                                                                       |
|---------------|-----------------------------------------------------------------------|
| FAC90801_0000 | Omnidirectional antenna<br>GSM, 2G/GPRS, 3G/UMTS/HSPA,<br>4G/LTE APAC |
|---------------|-----------------------------------------------------------------------|

### Accessories Order no.

|           |                                                      |
|-----------|------------------------------------------------------|
| ECCAIRC01 | Extension cable mobile phone<br>antenna 1 meter      |
| ECCAIRC03 | Extension cable for mobile phone<br>antenna 3 meters |
| ECCAIRC05 | Mobile phone antenna extension cable<br>5 meters     |



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