



# 3 Technical Data

Table 1 Radio 4426 Technical Data

| Description                                     | Value   |
|---|---|
| Maximum nominal output power <sup>(1) (2)</sup> | 4×60 W<br>(License key is required for total output power over 4×5 W.)  |
| Number of carriers per branch                   | LTE: Six downlink, six uplink<br>WCDMA: Six downlink, six uplink<br>NB-IoT in-band mode: One NB-IoT carrier per configured LTE host carrier<br>NB-IoT standalone mode: One carrier                |
| Number of carriers per radio                    | LTE: 4x6 downlink, 4x6 uplink<br>WCDMA: 4x6 downlink, 4x6 uplink<br>NB-IoT in-band mode: One NB-IoT carrier per configured LTE host carrier, 4×1 carriers<br>NB-IoT standalone mode: 4×1 carriers |
| Frequency <sup>(3)</sup>                        | 1710–1780 MHz uplink<br>2110–2200 MHz downlink<br>B66 for WCDMA, LTE, MI NB-IoT in-band mode, and NB-IoT standalone mode  |
| <b>Dimensions without Fan Unit</b>              |   |
| Height  | 420 mm  |
| Width   | 343 mm  |
| Depth   | 160 mm  |
| <b>Dimensions with Fan Unit</b>                 |   |
| Height  | 420 mm  |
| Width   | 343 mm  |
| Depth   | 177 mm  |
| <b>Weight without Fan Unit</b>                  |   |
| Radio 4426                                      | 21 kg   |
| <b>Weight with Fan Unit<sup>(4)</sup></b>       |   |
| Radio 4426                                      | 22.5 kg   |



| Description | Value        |
|-------------|--------------|
| Body        | NCS S 1002-B |
| Front       | NCS S 6502-B |

(1) Detailed information about LTE licences can be found in License Management or Manage Licenses and Hardware Activation Codes.

(2) Detailed information about output power can be found in applicable Output Power Feature Description.

(3) Information about Instantaneous Bandwidth (IBW) can be found in RBS Configurations.

(4)

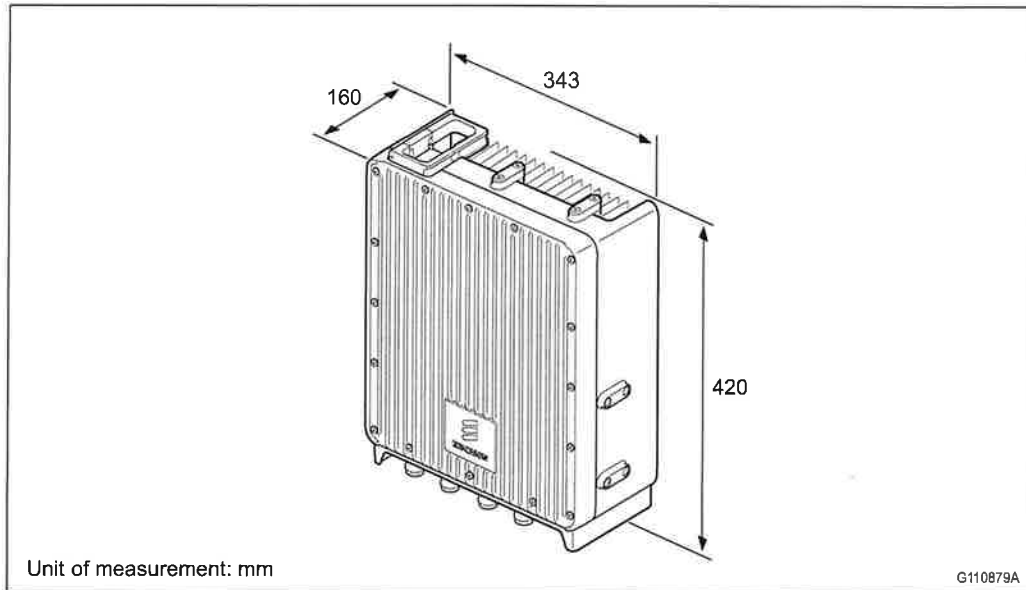


Figure 2 Radio 4426 Height, Width, and Depth without Fan Unit

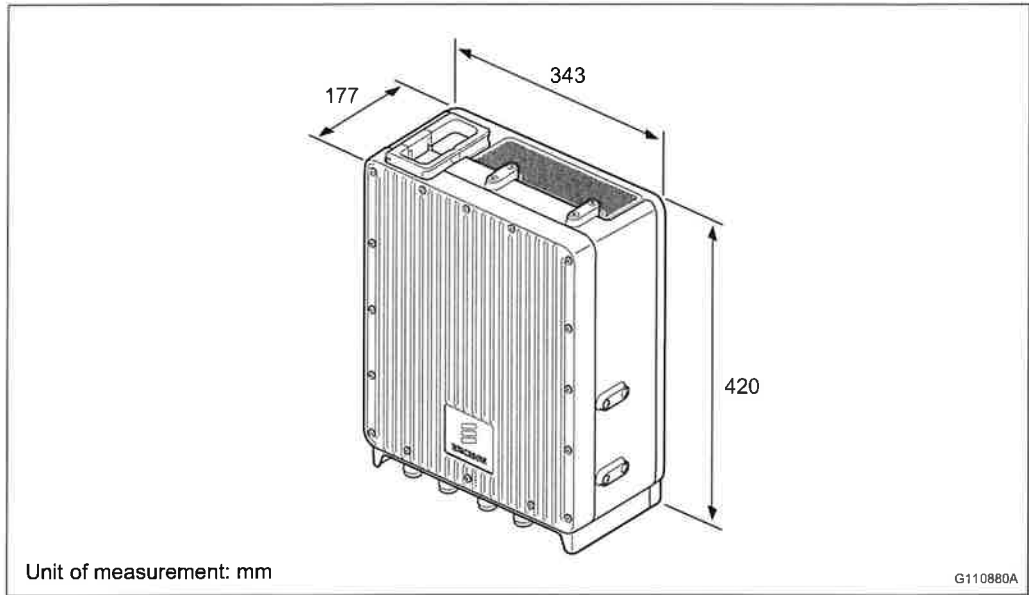


Figure 3 Radio 4426 Height, Width, and Depth with Fan Unit

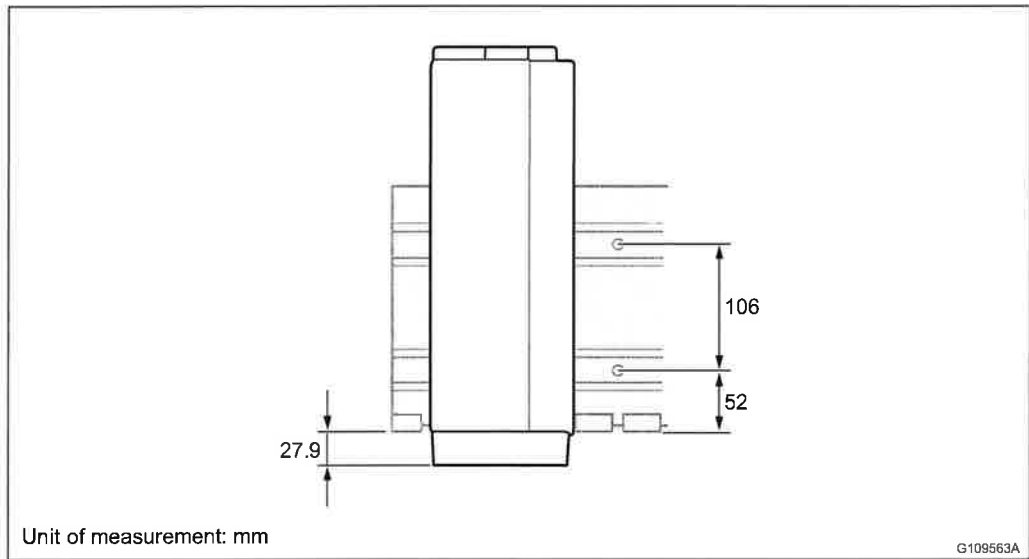


Figure 4 Radio 4426 to Rail Measurement

Table 2 Fan Unit Technical Data

| Description | Value  |
|-------------|--------|
| Height      | 410 mm |
| Width       | 335 mm |
| Depth       | 87 mm  |



| Description   | Value        |
|---------------|--------------|
| <b>Weight</b> |              |
| Fan unit      | 1.5 kg       |
| <b>Color</b>  |              |
| Back cover    | NCS S 1002-B |
| Fan box       | NCS S 6502-B |

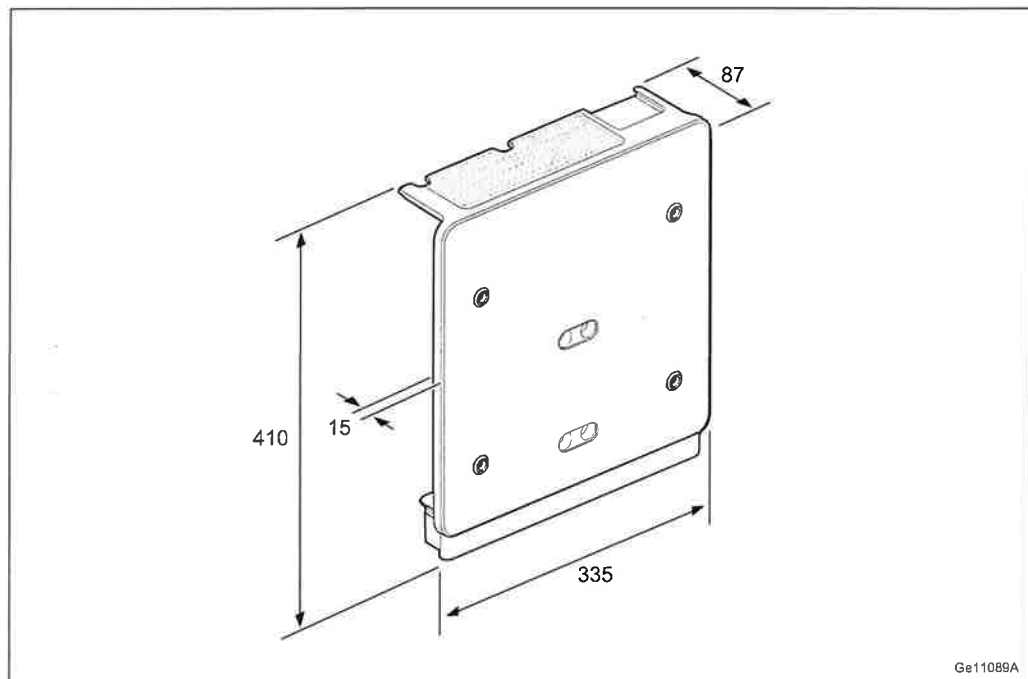


Figure 5 Fan Unit Height, Width, and Depth

## 3.1 Installation Recommendations

To achieve reliable operation, and maximum performance, an appropriate installation location must be chosen.

### 3.1.1 Indoor Locations to Avoid

Although the unit is designed for outdoor use, it can also operate in an indoor environment according to ETSI EN 300 019-1-3 class 3.1, 3.2, 3.3, and 3.6. This does not cover installation with heat traps or installation in lofts, where air ventilation does not exist. To ensure smooth performance of the product, it is recommended to ensure that the planned installation site for the unit is not a potential microclimate location. This typically occurs in places such as unventilated lofts, sites with heat traps, or sites where the product is exposed