Subrack Installation

Subrack Dimensions and Weight

The sub-rack is the support for the equipment units and has the following dimensions:

Dimensions

♦ *Height 450mm;*

♦ *Width 219.5mm;*

♦ *Depth 245mm.*
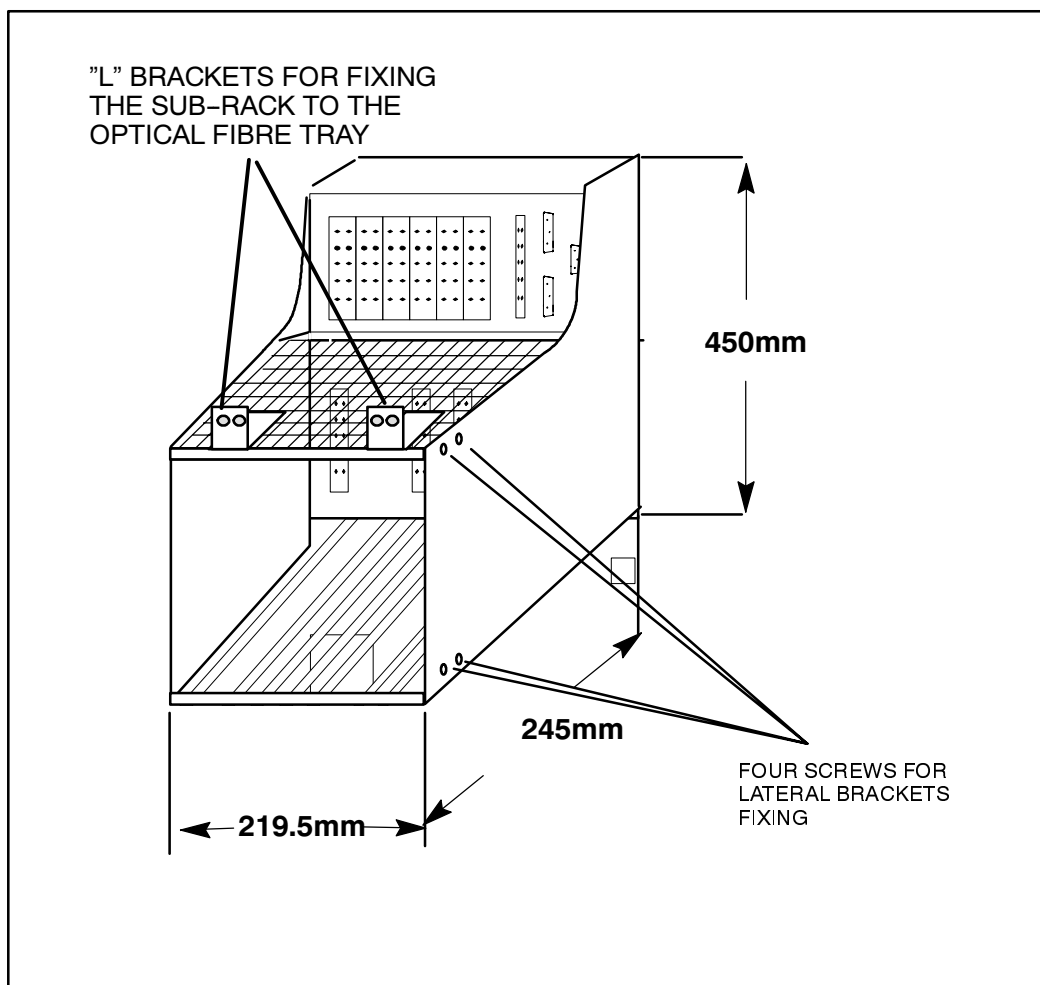
Weight

♦ *5kg.(empty)*

Fig. 2.2-1   Dimensions and mechanical structure of the sub-rack

Subrack Installation

Remove the four screws present on the sub–rack side selected for installation (Fig. 2.2–2).

Fix the lateral bracket supplied in kit 131–9022/01 or 131–9022/02 (the first is used for ETSI racks and the second for 19" racks), by using the four screws, previously removed (see Fig. 2.2–2).
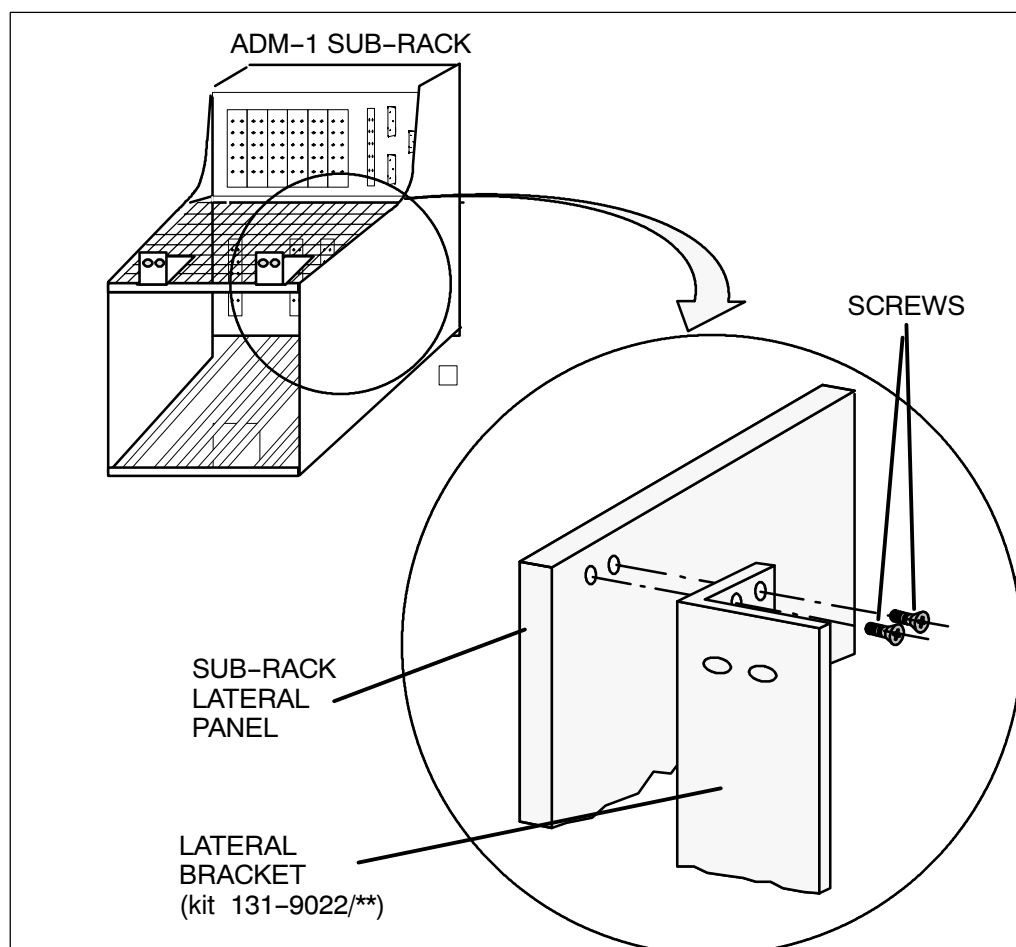

Fig. 2.2–2   *Fixing lateral brackets to ADM–1 sub–rack*

Follow the general procedures described in Appendix CK in order to fasten ADM–1 subrack, optical fibre tray and cable raceway.

Fasten the sub–rack to the optical fibre tray, or to the sub–rack support , as the case may be, by means of four screws included in kit 131–9125/02, in order to allow a complete stability of the sub–rack
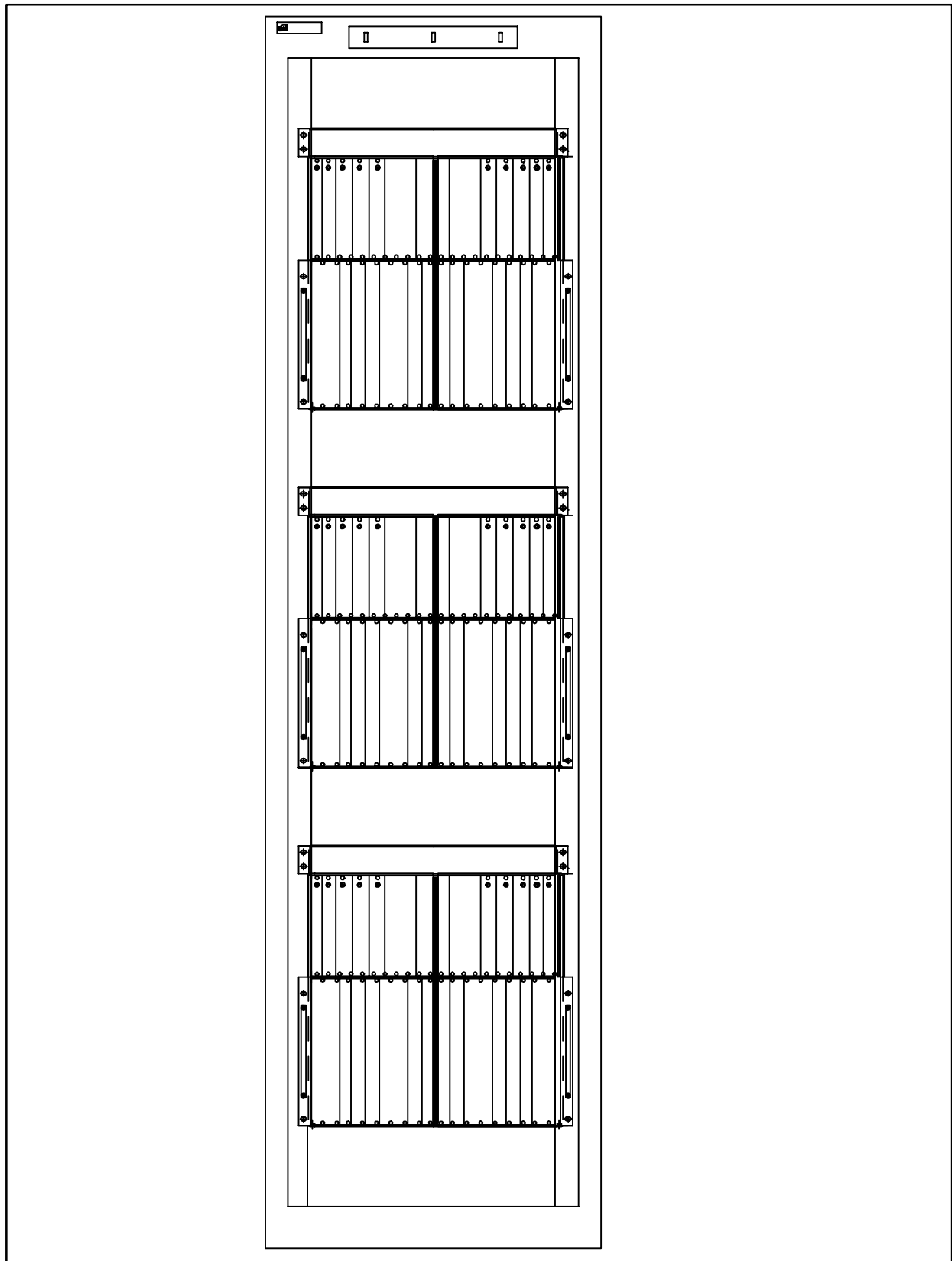
ERICSSON ⊜

Fig. 2.2−3   *Sub−rack positions (in an ETSI rack)*

OPTICAL FIBRE TRAY

OPTICAL FIBRE TRAY
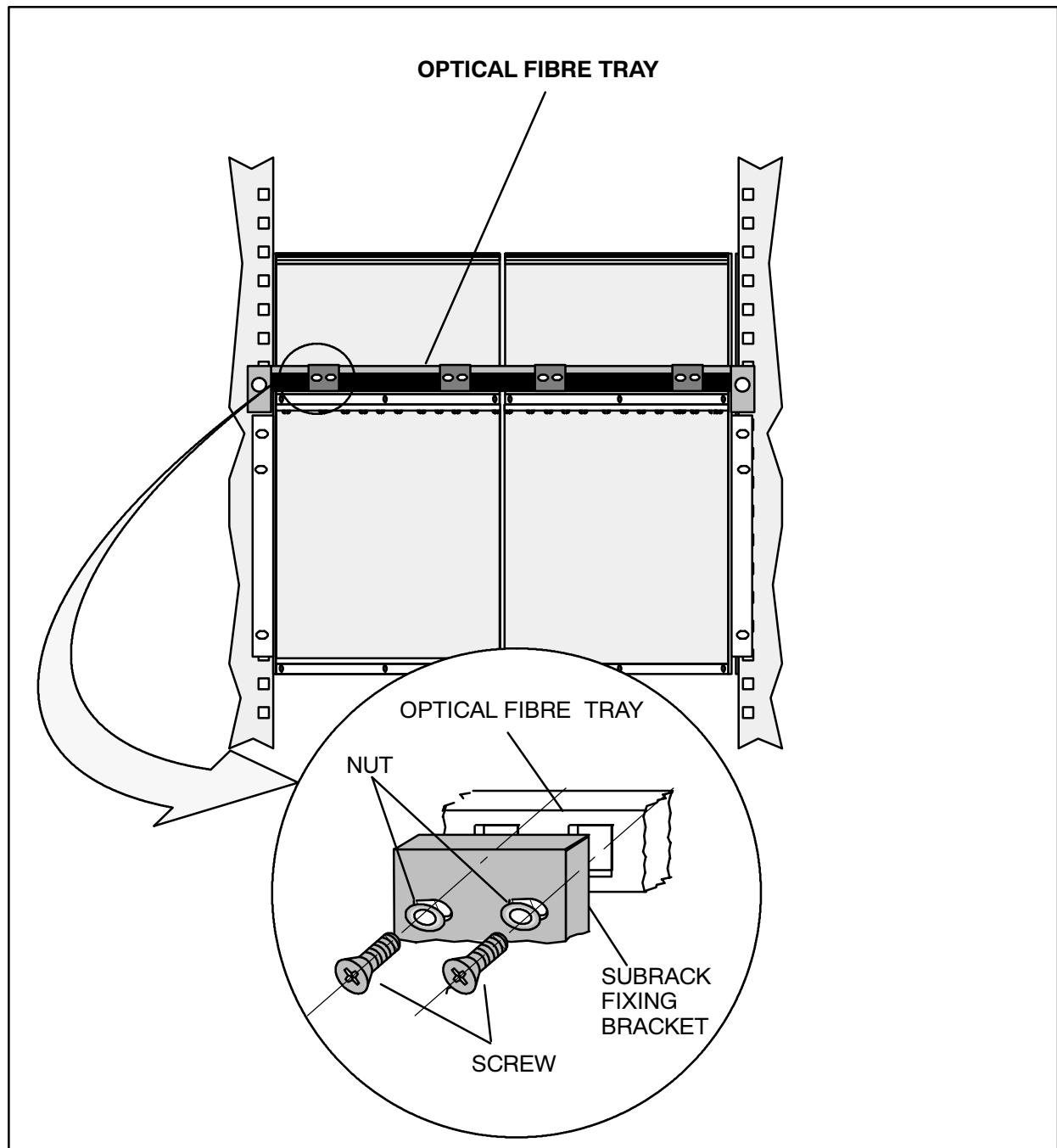
NUT

SUBRACK
FIXING
BRACKET

SCREW

Fig. 2.2–4   *Fastening ADM–1 sub–rack to optical fibre tray*

Connecting the Sub–rack to the Ground

Remove of the two structural screws, in the upper part of the right side of the sub–rack. Connect the sub–rack to ground fixing the eyelet of the ground cable to the right panel of the subrack, using the removed screw. Then insert the free side of the ground connection cable into one of the "faston" connectors located alongside right vertical support (see Fig. 2.2–5)
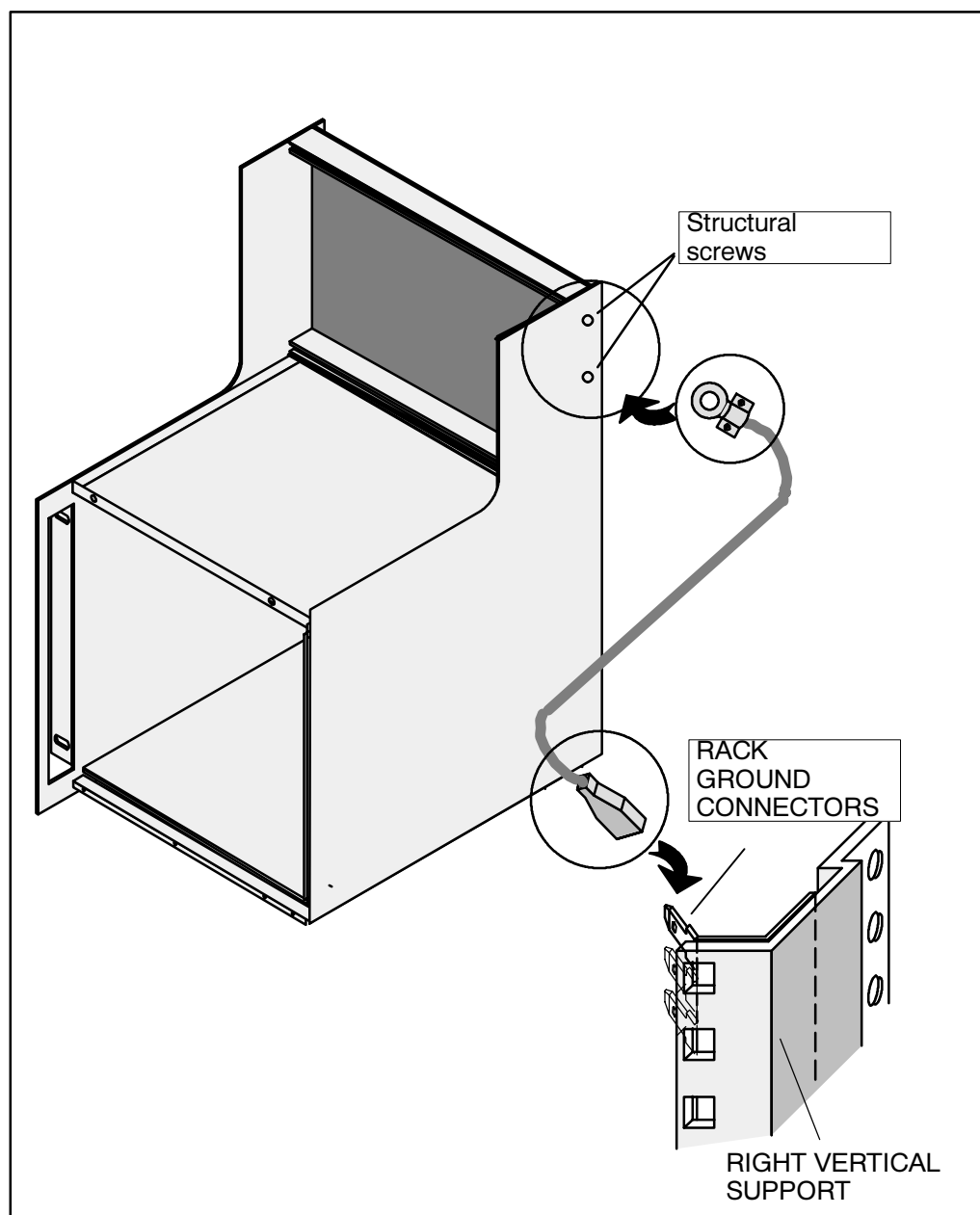

Structural screws

RACK GROUND CONNECTORS

RIGHT VERTICAL SUPPORT

Fig. 2.2–5 *Installation of the sub–rack into the cabinet*

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