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ANTENNA, PHASE CONVERTER AND COMMUNICATION APPARATUS

ABSTRACT OF THE DISCLOSURE

In an antenna provided in an ERP onboard device, a phase converter is formed into a nearly V-shaped flat board
5 which corresponds to a shape in the vicinity of a corner of a quadrangular antenna body. The phase converter and the antenna body are arranged on the same RF board so that the inner vertex of the nearly V-shaped portion of the phase converter faces the corner of the quadrangular antenna body.
10 The antenna comprising the aforesaid phase converter does not create waste spaces between the phase converter and the antenna body. Therefore, the substantial area occupied by the antenna body and the phase converter can be reduced, and accordingly, miniaturization of the antenna is possible.

Figure 2



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