

Title (en)

Feeding device for a plate antenna with two crossed polarizations and array equipped with such a device

Title (de)

Vorrichtung zur Speisung für eine Plattenantenne mit zwei gekreuzten Polarisationen und Gruppenantenne mit einer solchen Vorrichtung

Title (fr)

Dispositif d'alimentation pour antenne plaque à double polarisation croisée, et réseau équipé d'un tel dispositif

Publication

EP 0557176 B1 19961009 (FR)

Application

EP 93400375 A 19930216

Priority

FR 9202001 A 19920221

Abstract (en)

[origin: EP0557176A1] The invention relates to a feed device intended for an array of plate antennas with dual crossed polarisation and to an array employing such a device. The plate antennas (S) are fed via two completely separate lines. A first transmission line, of the three-plate type, consists of a track (T) and two earth planes (M, CP). A second line, of the microstrip type, comprises a track (R) and an earth plane (M). The unit is produced by metallising three printed circuits (CI1 to CI3); there are several variant embodiments. Application to the feeding of satellite receiving antennas having dual crossed polarisation. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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