

Title (en)

Semi-rigid cable for microwave transmission.

Title (de)

Halbstarre Kabel für Mikrowellenübertragung.

Title (fr)

Câble semi-rigide de transmission d'ondes hyperfréquence.

Publication

EP 0375506 A1 19900627 (FR)

Application

EP 89403439 A 19891212

Priority

FR 8816811 A 19881220

Abstract (en)

Semi-rigid cable intended for the transmission of microwaves such as those used for radar or digital television. <??>It comprises a three-plate line with a dielectric (2, 3) having a quasi-rectangular cross-section, a central conductor (1) with a width (a) close to the thickness (e) of the dielectric, and exterior conducting strips (5, 6) of a width (L1) substantially greater than that of the central conductor. This three-plate line is advantageously surrounded with an absorbing sheath (9). The assembly is protected by an ordinary metal shielding (7) and by a conventional exterior mechanical protection (8). <IMAGE>

Abstract (fr)

Câble semi-rigide destiné à la transmission des micro-ondes telles que celles utilisées pour les radars ou la télévision numérique. Il comporte une ligne triplaque, avec diélectrique (2, 3) à section quasi-rectangulaire, conducteur central (1) de largeur (a) proche de l'épaisseur (e) du diélectrique, et rubans conducteurs extérieurs (5, 6) de largeur (L1) sensiblement supérieure à celle du conducteur central. Cette ligne triplaque est avantageusement entourée d'une gaine absorbante 9. L'ensemble est protégé par un blindage métallique ordinaire (7) et par une protection mécanique extérieure classique (8).

IPC 1-7

H01P 3/08

IPC 8 full level

H01P 3/08 (2006.01)

CPC (source: EP US)

H01P 3/085 (2013.01 - EP US)

Citation (search report)

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