

Title (en)
DUPLEXER/DIPLEXER COMPRISED OF TWO MODULARLY CONSTRUCTED FILTERS

Title (de)
DUPLEXER/DIPLEXER AUS ZWEI MODULAR AUFGEBAUTEN FILTERN

Title (fr)
DUPLEXEUR/DIPLEXEUR FORME DE DEUX FILTRES A STRUCTURE MODULAIRE

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Application
EP 00908936 A 20000126

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Abstract (en)
[origin: WO0046871A1] The invention relates to a duplexer/diplexer comprised of at least one transmitting branch (1) and of at least one receiving branch (2). The transmitting branch (1) and the receiving branch (2) are modularly connected by a shielding (3) and are arranged such that both branches, in the passband thereof, are adjusted to an identical value of resistance (50 Ohms) and are highly resistive, with regard to broad-band, in the stop band of the band adjacent to each passband. As a result, all three ports of the duplexer/diplexer are adjusted to the same value of resistance when both branches (1, 2) are connected in parallel.

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