

Title (en)
Diplexer and waveguide

Title (de)
Diplexer und Wellenleiter

Title (fr)
Duplexeur et guide d'ondes

Publication
EP 2750244 B1 20200401 (EN)

Application
EP 13157832 A 20130305

Priority
TW 101149746 A 20121225

Abstract (en)
[origin: EP2750244A1] A diplexer (13) for a waveguide (10) includes a power divider (131) for transmitting a transmitting signal (TX) and a first ortho-polarized receiving signal (RX1), a first lowpass filter (134) coupled to the power divider (131) for filtering out the transmitting signal (TX) and transmitting the first ortho-polarized receiving signal (RX1) a connecting port (132) coupled to the power divider (131) and having a first bend (B1) for transmitting the transmitting signal (TX), and a highpass filter (133) coupled to the connecting port (132) for filtering out the first ortho-polarized receiving signal (RX1) and transmitting the transmitting signal (TX).

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H01P 1/2138 (2013.01); **H01P 5/12** (2013.01)

Cited by
CN110828955A; CN107834143A

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