

Title (en)

OPTICAL BROADBAND TRANSMISSION DEVICE AND DISTRIBUTION METHOD

Title (de)

OPTISCHE BREITBANDÜBERTRAGUNGSVORRICHTUNG UND VERTEILUNGSVERFAHREN

Title (fr)

DISPOSITIF DE TRANSMISSION EN BANDE LARGE OPTIQUE ET PROCEDE DE DISTRIBUTION

Publication

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Application

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Abstract (en)

[origin: WO02058289A2] The invention relates to an optical broadband transmission device and distribution method, particularly suitable for multimedia networking in multi-occupancy apartment blocks. An optical fibre (101) is provided as central element connecting a first optical transceiver (102) with a second optical transceiver (103). Data streams between a supply node (104) and a user node (105) can be transmitted by means of said device. According to the above method the transmission rate is typically 100Mbs, whilst a conventional electrical transmission line can achieve only a maximum of 10 Mbs with the same transmission distance (500 to 1000 m).

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