

Title (en)

Broadband signal splitting with sum signal absorption

Title (de)

Breitband-Signalverzweigung mit Summensignalabsorption

Title (fr)

Séparateur de signaux à larges bandes avec absorption du signal de la somme

Publication

EP 2897213 B1 20190501 (DE)

Application

EP 15000068 A 20150114

Priority

DE 102014000438 A 20140117

Abstract (en)

[origin: CA2877154A1] A broadband signal junction with sum signal absorption (10) for transmitted signals is proposed, comprising a common hollow conductor (11) with a first pre- defined cross section and four laterally-disposed side arm hollow conductors (21, 22, 23, 24) with a pre-defined cross section. The cross sections of the side arm hollow conductors can also be selected to be different. Two first opposing side arm hollow conductors (21, 23) of the four side arm hollow conductors (21, 22, 23, 24) extend along a first axis. Two second opposing side arm hollow conductors (22, 24) of the four side arm hollow conductors (21, 22, 23, 24) extend along a second axis. The first and the second axes are disposed orthogonal to one another and lie in the common plane. The broadband signal junction with sum signal absorption (10) is characterized in that the two first side arm hollow conductors (21, 23) end with a hollow conductor absorber (25, 26).

IPC 8 full level

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