

Abstract of the disclosure

HIGH DENSITY HIGH PERFORMANCE TELECOMMUNICATIONS/DATA
LINK AND CONNECTOR WITH TAP AND CONTACT DISPLACEMENT
ASSEMBLY

The invention relates to a telecommunications/ data link and connector assembly,

comprising a CDA assembly cable (22) comprising a plurality of transmission lines, a first and second interface end assembly (6, 8), which are respectively disposed at one end of the CDA assembly cable (22) and respectively comprise

a contact alignment body (14) including a line end and an interface end, contact elements (62), which are respectively located at the end, are respectively disposed on said contact alignment body (14) and extend from a position adjacent to said line terminal end toward said interface end, each contact element (62) being movable between a contact position and a non-contact position, each contact element (62) comprising a contact area and a line connection area for an electrical connection with a line, a housing (12), which is located at the respective ends, said contact alignment body (14) being disposed at the second end in a locked position, and the housings (12) of the first and/or second end of the telecommunications/data link and connector assembly being designed such that they can be mated with first and/or second ends of a further telecommunications/data link and connector assembly, the respective contact elements (62) in the mated state being contacted in the contact area and a tap (138) being able to be inserted between said contact elements (62), allowing electrical signals to be tapped from said contact elements (62).

(Fig. 1)