

ABSTRACT

A cable for use in a high-frequency current feeding equipment constituted by passing an inner bundle (A) of wires (2) disposed at the same distance from the center of a multiconductor cable (1) and outer bundles (B and C) of wires (3) through a ferrite (5) in such a way that the ampere-turns thereof are the same. The counter-electromotive force generated because of the difference of the spatial arrangement between the inner wires (2) and the outer wires (3) caused when stranded is canceled, and the current phases and current values of the wires (2 and 3) are forced to be exactly the same. Therefore, an increase in the resistance due to the proximity effect is prevented, and thereby the multiconductor cable (1) can be used as a high-frequency current cable. The multiconductor cable is cheap and its end finishing is facilitated.

