

ABSTRACT

A copper alloy wire has a composition composed of no less than 0.01 % by weight of Ag and balance Cu and unavoidable impurities. The copper alloy wire has been prepared by drawing a wire stock having the composition at a reduction ratio of no lower than 40 % and subjecting the wire stock to heat treatment for half annealing to have a tensile strength of no lower than 27 kg·f/mm² and an elongation of 5 %. An insulated electric wire includes the copper alloy wire as a conductor and an insulation layer covering the wire. Also, a multiple core parallel bonded wire includes two or more such insulated electric wires bonded parallel to each other .

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