



Designation: B 738 – 9803

Standard Specification for Fine-Wire Bunch-Stranded and Rope-Lay Bunch-Stranded Copper Conductors for Use as Electrical Conductors¹

This standard is issued under the fixed designation B 738; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers bare bunch-stranded and rope-lay bunch-stranded conductors made from round copper wires finer than No. 40 AWG with diameters less than 0.0031 in. (.078 mm), either coated or uncoated with tin or silver, for use as electrical conductors. (Explanatory Note 1).

1.2 The values (SI units) for density and temperature are regarded as the standard. For all other properties the inch-pound values are to be regarded as standard, and the SI units may be approximate.

2. Referenced Documents

2.1 ASTM Standards:

B 33 Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes²

¹ This specification is under the jurisdiction of ASTM Committee B-1 B01 on Electrical Conductors and is the direct responsibility of Subcommittee B01.04 on Conductors of Copper and Copper Alloys.

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