

## ASTM Volume 02.03, May 2025

B193-20 Standard Test Method for Resistivity of Electrical Conductor Materials

B987/B987M-20 Standard Specification for Carbon Fiber Thermoset Polymer Matrix Composite Core (CFC) for use in Overhead Electrical Conductors

B286-20 Standard Specification for Copper Conductors for Use in Hookup Wire for Electronic Equipment

B979-12(2018) Standard Specification for Non-Specular (NS) Surface Finish on Overhead Aluminum Electrical Conductors

B1-13(2018) Standard Specification for Hard-Drawn Copper Wire

B2-13(2018) Standard Specification for Medium-Hard-Drawn Copper Wire

B902/B902M-13(2018) Standard Specification for Compressed Round Stranded Copper Conductors, Hard, Medium-Hard, or Soft Using Single Input Wire Construction

B738-13(2018) Standard Specification for Fine-Wire Bunch-Stranded and Rope-Lay Bunch-Stranded Copper Conductors for Use as Electrical Conductors

B965-09(2018) Standard Specification for High Performance Tin-Coated Annealed Copper Wire Intended for Electrical and Electronic Application for Solderability

B258-18 Standard Specification for Standard Nominal Diameters and Cross-Sectional Areas of AWG Sizes of Solid Round Wires Used as Electrical Conductors

B830-18 Standard Specification for Uniform Test Methods and Frequency

B1008-18 Standard Test Method for Stress-Strain Testing for Overhead Electrical Conductors

B279-13(2019) Standard Test Method for Stiffness of Bare Soft Square and Rectangular Copper and Aluminum Wire for Magnet Wire Fabrication

B961-13(2019) Standard Specification for Silver Coated Copper and Copper Alloy Stranded Conductors for Electronic Space Application

B835-14(2020) Standard Specification for Compact Round Stranded Copper Conductors Using Single Input Wire Construction

B787/B787M-04(2020) Standard Specification for 19 Wire Combination Unilay-Stranded Copper Conductors for Subsequent Insulation

B263/B263M-14(2020) Standard Test Method for Determination of Cross-Sectional Area of Stranded Conductors

B33-10(2020)e1 Standard Specification for Tin-Coated Soft or Annealed Copper Wire for Electrical Purposes

B972-10(2020)e1 Standard Specification for Nickel-Coated Braid and Ribbon Flat Copper Wire Intended for use in Electronic Application

B971-10(2020)e1 Standard Specification for Silver-Coated Braid and Ribbon Flat Copper Wire intended for use in Electronic Application

B986-13(2019) Standard Test Method for Determination of Tensile Strength by Mass Method for Stranded Conductors Intended for use in Electronic Application

B973-10(2020)e1 Standard Specification for Tin-Coated Braid and Ribbon Flat Copper Wire intended for use in Electronic Application

B189-05(2021) Standard Specification for Lead-Coated and Lead-Alloy-Coated Soft Copper Wire for Electrical Purposes

B226-11(2021) Standard Specification for Cored, Annular, Concentric-Lay-Stranded Copper Conductors

B48-00(2021)e1 Standard Specification for Soft Rectangular and Square Bare Copper Wire for Electrical Conductors

B228-11a(2021) Standard Specification for Concentric-Lay-Stranded Copper-Clad Steel Conductors

B233-97(2021) Standard Specification for Aluminum 1350 Drawing Stock for Electrical Purposes

B246-15(2021) Standard Specification for Tinned Hard-Drawn and Medium-Hard-Drawn Copper Wire for Electrical Purposes

B324-01(2021) Standard Specification for Aluminum Rectangular and Square Wire for Electrical Purposes

B415-16(2021) Standard Specification for Hard-Drawn Aluminum-Clad Steel Wire

B496-16(2021) Standard Specification for Compact Round Concentric-Lay-Stranded Copper Conductors

B566-04a(2021) Standard Specification for Copper-Clad Aluminum Wire

B609/B609M-12(2021) Standard Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes

B976-21 Standard Specification for Fiber Reinforced Aluminum Matrix Composite (AMC) Core Wire for Aluminum Conductors Aluminum Matrix Composite Reinforced (ACAMCR) (formerly known as ACCR)

B836-00(2021) Standard Specification for Compact Round Stranded Aluminum Conductors Using Single Input Wire Construction

B901-04(2021) Standard Specification for Compressed Round Stranded Aluminum Conductors Using Single Input Wire Construction

B800-05(2021) Standard Specification for 8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers

B452-22 Standard Specification for Copper-Clad Steel Wire for Electronic Application

B911/B911M-22 Standard Specification for ACSR Twisted Pair Conductor (ACSR/TP)

B230/B230M-22 Standard Specification for Aluminum 1350–H19 Wire for Electrical Purposes

B498/B498M-22 Standard Specification for Zinc-Coated (Galvanized) Steel Core Wire for Use in Overhead Electrical Conductors

B803/B803M-22 Standard Specification for High-Strength Zinc–5 % Aluminum-Mischmetal Alloy-Coated Steel Core Wire for Use in Overhead Electrical Conductors

B398/B398M-22 Standard Specification for Aluminum-Alloy 6201-T81 and 6201-T83 Wire for Electrical Purposes

B401-22 Standard Specification for Compact Round Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/COMP)

B549-22 Standard Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Clad Steel Reinforced for Use in Overhead Electrical Conductors

B711-22 Standard Specification for Concentric-Lay-Stranded Aluminum-Alloy Conductors, Steel Reinforced (AACSR) (6201)

B778-22 Standard Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors (AAC/TW)

B779-22 Standard Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/TW)

B856-22 Standard Specification for Concentric-Lay-Stranded Aluminum Conductors, Coated Steel Supported (ACSS)

B857-22 Standard Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Supported (ACSS/TW)

B701/B701M-22e1 Standard Specification for Concentric-Lay-Stranded Self-Damping Aluminum Conductors, Steel Reinforced (ACSR/SD)

B978/B978M-23 Standard Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum Matrix Composite Reinforced (ACAMCR), Formerly ACCR

B399/B399M-23 Standard Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 and 6201-T83 Conductors

B524/B524M-23 Standard Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201)

B354-23 Standard Terminology Relating to Uninsulated Metallic Electrical Conductors

B400/B400M-23 Standard Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors

B502/B502M-23 Standard Specification for Aluminum-Clad Steel Core Wire for Use in Overhead Electrical Aluminum Conductors

B229-12(2023) Standard Specification for Concentric-Lay-Stranded Copper and Copper-Clad Steel Composite Conductors

B416-98(2023) Standard Specification for Concentric-Lay-Stranded Aluminum-Clad Steel Conductors

B520-12(2023) Standard Specification for Tin-Coated, Copper-Clad Steel Wire for Electronic Application

B559-12(2023) Standard Specification for Nickel-Coated, Copper-Clad Steel Wire for Electronic Application

B786/B786M-08(2023) Standard Specification for 19 Wire Combination Unilay-Stranded Aluminum Conductors for Subsequent Insulation

B801-18(2023) Standard Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation

B231/B231M-23 Standard Specification for Concentric-Lay-Stranded Aluminum  
1350 Conductors

B869-07(2023) Standard Specification for Copper-Clad Steel Electrical  
Conductor for CATV Drop Wire

B606/B606M-23 Standard Specification for High-Strength Zinc-Coated  
(Galvanized) Steel Core Wire for Use in Overhead Electrical Conductors

B802/B802M-23 Standard Specification for Zinc–5 % Aluminum-Mischmetal  
Alloy-Coated Steel Core Wire for Use in Overhead Electrical Conductors

B910/B910M-07(2023) Standard Specification for Annealed Copper-Clad Steel  
Wire

B957/B957M-23 Standard Specification for Extra-High-Strength and Ultra-High-  
Strength Zinc-Coated (Galvanized) Steel Core Wire for Use in Overhead  
Electrical Conductors

B958/B958M-23 Standard Specification for Extra-High-Strength and Ultra-High-  
Strength Class A Zinc–5% Aluminum-Mischmetal Alloy-Coated Steel Core Wire  
for Use in Overhead Electrical Conductors

B1005-17(2023) Standard Specification for Copper-Clad Aluminum Bar for  
Electrical Purposes (Bus Bar)

B1006-17(2023) Standard Specification for Electrical Overhead Conductor  
Code Word Names

B8-23 Standard Specification for Concentric-Lay-Stranded Copper Conductors,  
Hard, Medium-Hard, or Soft

B232/B232M-24 Standard Specification for Concentric-Lay-Stranded Aluminum  
Conductors, Coated-Steel Reinforced (ACSR)

B500/B500M-24 Standard Specification for Metallic Coated or Aluminum Clad  
Stranded Steel Core for Use in Overhead Electrical Conductors

B941-24 Standard Specification for Heat Resistant Aluminum-Zirconium Alloy Wire for Electrical Purposes

B3-13(2024) Standard Specification for Soft or Annealed Copper Wire

B9-76(2024) Standard Specification for Bronze Trolley Wire

B47-95a(2024) Standard Specification for Copper Trolley Wire

B116-95(2024) Standard Specification for Figure-9 Deep-Grooved and Figure-8 Copper Trolley Wire for Industrial Haulage

B298-12(2024) Standard Specification for Silver-Coated Soft or Annealed Copper Wire

B784-01(2024) Standard Specification for Modified Concentric-Lay-Stranded Copper Conductors for Use in Insulated Electrical Cables

B172-17(2024) Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members, for Electrical Conductors

B173-17(2024) Standard Specification for Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors

B174-17(2024) Standard Specification for Bunch-Stranded Copper Conductors for Electrical Conductors

B227-15(2024) Standard Specification for Hard-Drawn Copper-Clad Steel Wire

B1010/B1010M-19(2024) Standard Specification for Copper-Clad Steel Electrical Conductor for Tracer Wire Applications

B624-07(2024) Standard Specification for High-Strength, High-Conductivity Copper-Alloy Wire for Electronic Application

B501-10(2024) Standard Specification for Silver-Coated, Copper-Clad Steel Wire for Electronic Application

B682-01(2024) Standard Specification for Standard Metric Sizes of Electrical Conductors

B355-11(2024) Standard Specification for Nickel-Coated Soft or Annealed Copper Wire

B470-02(2024) Standard Specification for Bonded Copper Conductors for Use in Hookup Wires for Electronic Equipment