

BARE COPPER WIRE

CAN WELD WIRE

DMB produces a wide variety of wire sizes through the drawing process.

The product is used in:

- Wire and Cables Industry
- Can Making- Soudronic Technology (1.24, 1.38 & 1.50 mm typical sizes)
- Earthing Applications

The copper wires are produced from 8 mm copper rod. The process starts by drawing it down into the Rod Breakdown machine, where the 8 mm diameter is reduced successively by passing it through various dies. After attaining the desired output size, the wire is passed through the annealing chamber in order to soften the copper, as per the customer's specifications. It is then wound onto a Steel Basket/Spool/Octagon Box to each client's requirement.

SPECIFICATIONS

- DIAMETER | 1.12 mm up to 3.5 mm
- COPPER PURITY | 99.9% (min.)
- ELECTRICAL CONDUCTIVITY | 101% IACS
- TENSILE STRENGTH | 210 Mpa
- TEMPER | Hard/ Soft (Annealed)
- STANDARD | BSEN/IEC 60228 & ASTM B3/13
- WEIGHT | 300 - 1200 kg
- PACKAGING | Steel Basket/Octagon Box/Spool



TIN COATED

COPPER WIRE

DMB manufactures a wide variety of sizes for tin-coated copper wires.

- **Wire Diameter:** 3.15, 2.5, 2.0, 1.6, 1.25, 0.81 or other as specified in the order with tolerance of ± 0.01 mm.
- **Tin Coating**
Thickness:
*For wires to be used directly for stranding, nominal thickness - 1 micron
*For wires to be further drawn to lower diameter, nominal thickness - 3 microns.
Quality:
Tinning Test as per Cl. 9.1 of BS: 6360.
- **Elongation:** When tested in accordance with the method described in BS EN 10002, the minimum EAB - 27%
- **Electrical Resistivity of Wire:** The electrical resistivity of the tinned wire not to exceed 17.241 ohm-mm²/km.

The product is used in:

- Wire and Cables Industry
- Earthing Applications



SPECIFICATIONS

- DIAMETER | 1.1 mm up to 3.25 mm
- COPPER PURITY | 99.9% (min.)
- ELECTRICAL CONDUCTIVITY | 101% IACS
- TENSILE STRENGTH | 210 Mpa
- TEMPER | Hard/Soft (Annealed)
- TINNING THICKNESS | 1 to 20 Microns
- WEIGHT | 300 - 1200 kg
- PACKAGING | Steel Basket/Octagon Box/Spool

