

Bare Copper Wire

!!! Welcome to GANPATI ENGINEERING INDUSTRIES, world's leading Bare Copper Wire manufacturer, supplier & exporter !!!
| Heat Resistant | Easy To Bend | Optimum Flexibility | Highly Malleable |

Obtained at the initial phase of breakdown of rod, the bare copper wire is transformed further for heat treatment so as to increase the ductility extent. This complex process is known as '**Annealing of the Copper Wire**'. Through the diffusion of atoms, the process of annealing occurs inside a solidified material so that the it can further advance towards its ideal state.

The Bare copper wire is widely used for metal finishers' hanging wire, busbar crafts and for the significant grounding practices. The solid soft drawn annealed copper meets the quality certifying standards such as **TYPE S, ASTM-B-3, MIL-W-3861, QQ-W-343.**

Perfect bare copper earthing wires are manufactured using top-grade copper alloy to render matchless quality in several processes such as cabling, telecommunication, and winding. From superfine to thick, these wires are easily available in different thickness dimensions and can be taken at the lowest price in the industry.



Bare Copper Wire available in four different classifications; **Class AA, Class A, Class B & Class C**



Bare Copper Wire of Class AA is designed for specific usage as overhead transmission line. This assortment of copper is one of the most inflexible kinds of copper wire. Inflexibility is a useful feature in the case of installing overhead lines as these cables are more flexible which tend to droop over time. Exceptionally powerful conductivity and minimal drooping are the main characteristics, that are offered by Class AA Bare Copper Wire.

Being rated as per the flexibility criteria, these Bare Copper Wires are also distinctively used with an insulation or a weatherproof jacket.

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<http://www.ganpaticopper.com/bare-copper-wire-543440.html>

These sorts of cables are more frequently used in conduit, direct burial, approved raceway, cable tray and other applications. When compared to the Class 'AA' wires, increased flexibility advantage is offered in greater magnitude by Class 'A' Bare Copper Wires. But these Class 'A' wires falls inferior to the spectrum of Class 'AA' Bare Copper Wire due to its high rigidity factor. When a less rigid cable is needed or when flexibility is a needed factor, Class A Bare Copper Wire is used.

When major concern arises for the flexibility factor, then the **Class B and C Bare Copper Wires are preferred for use**. These cables experience a procedure in which they are first heated and then gradually cooled. Within the copper, enhancing its factor of flexibility, internal stress is released through the process. The final product is a tractable copper cable which offers the exact strong conductive attributes as a standard cable.

Bare copper wire is mainly used as a overhead power root for light and heavy transit systems, subways, buses, electrically powered mine trains, and industrial cranes. The bare copper wire probably also comes in contact with conduit, and other akin things etc.



A bare copper wire is utilized in different electrical, electronic and power transmission equipments. The quality of copper which is used for fulfilling diverse requirements, indicates high importance in the decent durability, functioning and reliability of the elements that are majorly dependent on it. Even a flimsiest error in their manufacturing processes can change the whole set-up of equipments, putting it in a danger. Make the material has superior flowability, conductivity, fusion welding resistance, resistance to softening and more.



Construction : Solid or Concentric stranded hard drawn bare copper conductor.

Application : For aerial power transmission and distribution line, circuit ground connections as well as machinery and equipment grounding.

Specification : Bare conductors have been designed according to ASTM B1.

Marking : Indent and embossed mark are printed on solid conductor or central wire for stranded

conductor, if requested.

Installation : Hard drawn copper conductor can be installed in air. It is recommended that the installation instructions indicated by the Local

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Special Key Specifications:

- Anti-corrosive nature
- Electrical conductivity and processing
- Pure aluminum welding wire with purity over 99.6%
- Temper: TR/TY
- Aluminum wire rod
- AG content:0.0003/0.0008/0.0010 and more

Bare Copper Wire Features:

- These wires have excellent thermal and electrical conductivity
- Easy to bend, these are highly resistant to water, oil, grease and acids
- High level of tolerance owing to their optimum flexibility
- These wires have excellent resistance against corrosion
- Heat resistant, these wires can handle high load of electricity
- The wires are highly malleable and thus, can be formed into any shape



Bare Copper Wire Technical Details:

- Bare Copper Wire Astm Specifications(Bare copper wire (5.99 MM to 0.05MM):
- B-1 Hard-Drawn Copper Wire
- B-2 Medium-Hard Copper Wire
- B-3 Soft or Annealed Copper Wire
- B-8 Concentric-Lay-Stranded Hard, Medium-Hard or Soft Copper Conductor
- B-33 Tinned Conductors
- B-787 19 Wire Combination Unilay-Stranded Soft copper wire.

Our Other Available Products:

- Bare Super Enamelled H Class Copper Wire
- Bare Super Enamelled F Class Copper Wire
- Bare Super Enamelled Winding Copper Wire
- Bunched Bare Copper Wire
- Bare Super Enamelled Coated Copper Wire
- Bare Super Enamelled Wire



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- Bare Earthing Wires
- Indian Bare Copper Wires
- Bare Round Copper Wires

Bare Copper Wires Application Area:

- Bare Copper Wires & Cables Are Use In Several Fields.
- Light And Heavy Transit Systems
- Overhead Power Source For Subways
- Electrically Powered Mine Trains, Buses, And Industrial Cranes

Quick Buyer Details:

Quick Buyer Details	
Verification	Done
Hot Markets	Wire and Cable Companies, Electrical Markets
FOB Price	Daily Price , Works on London Metal Exchange
Minimum Quantity	100 Kgs. / Size
Payment Terms	100 % Advance Payment
Guarantee & Warranty	Yes
Product Specification	
Product type	Bare Copper Wire
Uses	For Electrical Use , Current Supply , Etc.
Size	As per Buyers Requirement
Color	Golden
Material Used	Copper
Dimension Available	As per Buyers Requirement
Manufacturing Process	Drawing
Customisation Possibilities	Yes
Product Edge & Strengths	Best Possible
Delivery Terms	
Sample Assistance	Yes , can be provided on demand
Time Period	Depends upon quantity required
Delivery Cost	Can be given at the time of Order

Contact Us:

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INDUSTRIES**

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