

# Bare Conductor

Copper Semi-hard



## Description

The bare electrical copper conductor is formed with twisted semi-hard wires in Class B cabling.

## Standard Specifications

The bare conductors are built based on the following:

- Standards: ASTM B2 and B8.
- Certificate: CIDET # 01899.

## Features

- The conductors are solid twisted semi hard copper wires.

## Applications

- Design to be installed in power transmission and distribution lines.
- Ideal to connect to earth protection equipment and machinery.

## Technical Information

### Dimensions and nominal features

The conductor operating amperage is defined by the installation conditions and operating temperatures identified in the NEC. See TABLE 310.15(B)(21) NFPA 70 latest version

Gauge		Area		Diameter		Weight	DC Max. @ 20°C Resistance
AWG	cmil	mm <sup>2</sup>	in	mm	kg/km	Ω/km	
6	26 240	13,30	0,160	4,07	115,84	1,327	
4	41 740	21,2	0,234	5,940	189,792	0,868	
2	66 360	33,6	0,295	7,495	301,739	0,546	
1/0	105 600	53,5	0,372	9,449	480,163	0,328	
2/0	133 100	67,4	0,418	10,611	605,205	0,261	

Note: The values given may vary according to the manufacturing tolerances



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