

## NEELKANTH CONTINUOUS CAST COPPER ROD, BUSBARS & STRIPS

### INTRODUCTION TO NEELKANTH CABLES LIMITED CONTINUOUS COPPER ROD, BUSBARS & STRIPS

Neelkanth Cables Limited manufactures high conductivity Oxygen free (OFE) Annealed continuous cast copper rod, busbars & strips from grade "A" copper cathode. The Company sources copper cathode from international LME(London Metal Exchange)registered companies.

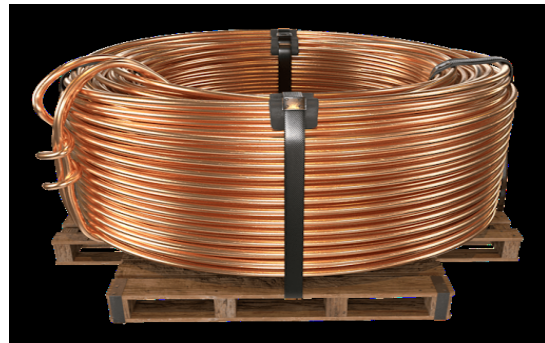
### CONTINUOUS CAST COPPER ROD

Neelkanth Cables Limited manufactures 7.50 mm & 8.0 mm high conductivity Oxygen free (OFE) Annealed continuous cast copper rod in round shape, the raw material is pure copper cathode of grade "A" with purity of 99.99%. according to ASTM B-49 - 15a.

**APPLICATION:-**For used is the primary raw material for manufacturing a wide range of a electrical cables, Strip being made with conform process,Used for earthing in all kinds of building and structure.

#### TECHNICAL SPECIFICATION

Specification	ASTM B49 - 15a
Nominal Rod Diameter	7.50 mm and 8.0 mm
Permissible Variation in Diameter	±0.38 mm
Copper Resistivity @20°C	0.0172410 $\Omega \cdot \text{mm}^2/\text{m}$ Min.
Copper Cconductivity @20°C	101% (IACS) Min.
Copper Density	8.89 g/cc
Copper Purity	99.99% Min.
Oxygen Content	5 ppm Max.
Elongation	30% Min.
Ultimate Tensile Strength	175 N/mm <sup>2</sup>



**PACKING:-** Supplied in Coils with Wooden pallet packing with plastic wrapping.