



1. HARD DRAWN BARE COPPER CONDUCTOR

NEELKANTH CABLES LIMITED

DATA SHEET

HARD DRAWN BARE COPPER CONDUCTORS (HDBC)

Cable Description : Hard Drawn Bare Copper Conductor for Overhead Transmission Line.

Make NEELKANTH CABLES LIMITED
Reference Standard SANS 182-1, & BS 7884

Range of Product 10 Sq.mm up to 1000 Sq.mm

APPLICATION

These are stranded circular hard drawn bare copper conductor mainly used for overhead transmission and distribution network applications, overhead traction system and transformer earthing, where the highest electrical conductivity per unit area and good strength to weight ratio are required.

CONSTRUCTION

Bare stranded hard-drawn copper conductor is a concentric-lay stranded conductor consisting of hard drawn copper wires in single layer and multi-layer construction.

TECHNICAL DATA FOR HARD-DRAWN COPPER

1) VOLUME RESISTIVITY	0.01777 $\Omega \cdot m^2/m$
2) CONDUCTIVITY	97%
3) DENSITY	8.89g/cm ²
4) COEFFICIENT OF LINEAR EXPANSION	17 x 10 ⁻⁶ /°C

Marking & Packing

Marking Over the Drum	NEELKANTH CABLES , CABLE SIZE, LENGTH OF CABLE, YEAR OF MANUFACTURING, GROSS WEIGHT, NET WEIGHT, ROLLING MARK (ROLL THIS WAY)
Cable Length	1000 Mtrs or as per Requirement
Type of Packing	Wooden Drum Fully Packed with Lagging

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