



## 1. ALL ALUMINIUM CONDUCTOR

### NEELKANTH CABLES LIMITED

### DATA SHEET

### ALL ALUMINIUM CONDUCTORS (AAC)

Cable Description : All Aluminium Conductors for Overhead Transmission Line.

Make NEELKANTH CABLES LIMITED  
Reference Standard SANS 182-2, & BS 215-1

Range of Product 25 Sq.mm up to 1000 Sq.mm

#### APPLICATION

All Aluminium Conductors (AAC) can be used as a bare overhead conductor for distribution lines.

#### CONSTRUCTION

All Aluminium Conductors (AAC) is a concentric lay stranded conductor consisting of hard drawn aluminium wires in single layer and multi-layer construction.

#### TECHNICAL DATA FOR HARD-DRAWN ALUMINIUM

1) VOLUME RESISTIVITY	0.028264 $\Omega \cdot m^2/m$
2) DENSITY	2.703 $g/cm^3$
3) COEFFICIENT OF LINEAR EXPANSION	$23 \times 10^{-6}/^\circ C$

#### 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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