

## **AAAC**

*(All Aluminium Alloy Conductor )*

### **Standard Specification :**

SPLN 41-8

BS 3242

IEC 61089

ASTM B 399

AS 1531

Other specifications are available upon request

### **Cross Sectional Area :**

16 – 1250 mm<sup>2</sup>

### **Application :**

AAAC is mainly used as bare overhead transmission cable and as primary and secondary distribution cable. It is also suitable for laying across basins, rivers and valleys where special geographical features exist.

### **Features :**

AAAC cable consists of aluminium alloy wires. The aluminium alloy wires are concentrically stranded.

This section deals with heat-treatable magnesium silicon type aluminium alloys to the applicable International Standard, the electrical and mechanical properties of which all fall within the values suggested by relevant standard.

Conductors to all other recognized specifications can also be supplied. The alloys referred to have higher strength but lower conductivity than pure aluminium.

Being lighter, alloy conductors can sometimes be used to advantage in place of the more conventional ACSR; Having lower breaking loads than the latter, their use becomes particularly favourable when ice and wind loadings are low.

### **Standard Packing**

*10 - 95 sqmm supplied in wooden drum @ 2000 m*

*> 95 sqmm supplied in wooden drum on available length*

*Length Tolerance per drum  $\pm$  2%*