

ACSR (Aluminium Conductor Steel Reinforced)

Standard Specification :

SPLN 41-7
BS 215-2
IEC 61089
ASTM B 232 / B 232M
DIN 50182
JIS C 3110
Other specifications are available upon request

Cross Sectional Area :

13.3/2.2 - 1280/183 mm²

Application :

ACSR 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 :

Aluminium Conductor Steel Reinforced (ACSR) is concentrically stranded conductor with one or more layers of hard drawn 1350-H19 aluminium wire on galvanized steel wire core. The core can be single wire or stranded depending on the size. Steel core wire is available in Class A , B or Class C galvanization for corrosion protection. Additional corrosion protection is available through the application of grease to the core or infusion of the completed conductor with grease.

The proportion of steel and aluminium in an ACSR conductor can be selected based on the mechanical strength and current carrying capacity demanded by each application. ACSR conductors are recognized for their record of economy, dependability and favourable strength / weight ratio. ACSR conductors combine the light weight and good conductivity of aluminium with the high tensile strength and ruggedness of steel. In line design, this can provide higher tensions, less sag, and longer span lengths than obtainable with most other types of overhead conductors

Standard Packing

13 - 95 sqmm supplied in wooden drum @ 2000 m
> 95 sqmm supplied in wooden drum on available length
Length Tolerance per drum \pm 2%