TACSR/AS
(Thermal Resistant Aluminium Conductor Aluminium Clad Steel Reinforced)

Standard Specification :
ASTM B 549
JEC C 3406
Other specifications are available upon request

Cross Sectional Area :
21.2/3.5 - 1520/126.7 mm²

Application :
TACSR/AS is mainly used as bare overhead transmission cable and as primary and secondary distribution cable which requires resistance to corrosive areas and need to transmit higher power but restrictions on getting new power corridors approved. It is also suitable for laying across basins, rivers and valleys where special geographical teatures exist.

Features :
TACSR/AS Conductors are very similar in construction to a conventional ACSR/AS conductor but the EC Grade Aluminum wires are replaced with Hard Drawn Aluminum wires of Heat Resistant Aluminum Alloy (generally known as TAL) . TACSR can be safely operated continuously at 150°C enabling to pump more current through the conductor. Where there is a need to transmit higher power but restrictions on getting new power corridors approved, various Types of TAL conductors are one of the best creative solution options to utilities. Ability of the Zirconium doped aluminum alloy to maintain its electrical and mechanical properties at elevated temperatures makes these conductors a very cost effective solution in refurbishing the existing lines with enhanced capacity.
The mechanical properties of TACSR/AS conductors are similar to ACSR conductors but offers improved ampacity and resistance to corrosion because of the presence of aluminium clad steel wires in the core. These conductors are better replacement for ACSR conductors where corrosive conditions are severe.

Special features :
- High Current carrying capacity
- Stable at elevated temperatures
- Good mechanical properties
- Economic design
- Best suited for enhancing the existing line capacity where additional power corridors are not feasible.

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