

ACSR Aerial Conductors (Bare)

Ferret

Contact

Sales and Customer Solutions
sales.nz@nexans.com

Nexans Ref.: Ferret

Country Ref.: 8966

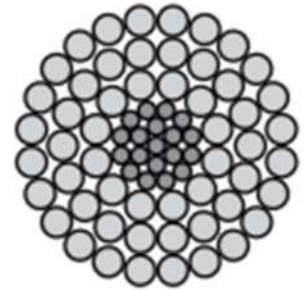
Galvanised steel reinforced, Aluminium conductor. Made to AS 3607.

DESCRIPTION

Application

ACSR - Aluminium Conductor Steel Reinforced

ACSR aerial conductor is made of steel core (wire or strand) and aluminium 1350 (one or multiple layers). It has excellent tensile strength; therefore it is commonly used for long spans.



STANDARDS

National AS 3607

CHARACTERISTICS

Construction characteristics

Reinforcement members material type	Galvanized steel
Conductor material	aluminum / Steel Core

Dimensional characteristics

Stranding No./mm Steel	1/3.00
Stranding No./mm Ali	6/3.00
Equivalent Aluminium Cross Section Area	41.8 mm ²
Nominal overall diameter	9.0 mm
Approximate weight	0.17 kg/m

Mechanical characteristics

Minimum breaking load	14.9 kN
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NOTE

Current ratings are based on ambient temperature of 30°C, a maximum conductor temperature of 75°C, rural weathered, summer noon and intensity of solar radiation 1000 W/m².