



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

### STANDARDS

Product AS 3607

### 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.

**Nexans Ref.:** Dog  
**Country Ref.:** 6801

### CONTACT

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## CHARACTERISTICS

### Construction characteristics

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

### Dimensional characteristics

Stranding No./mm Steel	7/1.57
Stranding No./mm Ali	6/4.72
Equivalent Aluminium Cross Section Area	103 mm <sup>2</sup>
Nominal overall diameter	14.2 mm
Approximate weight	0.4 kg/m

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U (Um)	-
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### Mechanical characteristics

Minimum breaking load	32.9 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/m<sup>2</sup>.