

Aluminum Cables 1350-H19

2 AWG

Nexans Ref.: 10011295

Conductor formed by aluminum 1350-H19 wires.

DESCRIPTION

Application

Overhead transmission lines and power distribution.

Construction

Concentric conductor composed of aluminum wires 1350-H19.

Applicable Standards.

- ASTM B230, NTC 360
- ASTM B231, NTC 308

Certificate

RETIE and Norma N°00813

Optional

- Other configurations are available upon request.



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CHARACTERISTICS

Construction characteristics

Conductor material	aluminum / Steel Core
Type of cable	Sparrow
Type of conductor	Stranded

Dimensional characteristics

Outer Diameter	8.016 mm
Number of aluminium wires	6
Number of steel wire	1
Diameter of aluminium wires	2.672 mm
Conductor cross-section	- kcmil
Diameter of steel wires	2.672 mm
Aluminium cross-section	33.64 mm ²
Approximate weight	136 kg/km
Conductor cross-section (AWG)	2
Wire section	5.61 mm ²

Electrical characteristics

Max. DC resistance of the conductor at 20°C	0.829 Ohm/km
Ampacity	185.0 A

Mechanical characteristics

Minimum breaking load	1294 kgf
Hardness type	1350-H19

Usage characteristics

Packaging	Reel
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All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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