



#### CONTACT

Market information  
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**International Designation:** NSA 935 308 YU 4

150°C Operating Temperature  
 Flexible Aluminium Alloy Conductor  
 Single Core Large Sizes

#### STANDARDS

International NSA 307110; NSA 935000; NSA 935308 YU

#### CABLE DESIGN

##### CONDUCTOR

A Stranded Conductor  
 Made of Aluminium Alloy

##### INSULATION

3 polyimide tapes

##### EXTERNAL PROTECTION

An Aromatic Polyamide Braid Impregnated with a Non Flammable Varnish

#### IDENTIFICATION

**By colored threads between polyimide tapes and external braid:**

**Manufacturer colour : Black + Grey = Nexans**

**Manufacturing year : Blue + Brown = 2014**

\*Dimensional characteristics: AWG not defined in NSA specification, values obtained by extension with defined construction

## CHARACTERISTICS

#### Construction characteristics

Conductor material	Stranded Conductor: Aluminium Alloy
Insulation	3 Polyimide tapes
Protection	Aromatic Polyamide Braid impregnated with a non flammable varnish



Operating temp.  
 -55 ... 150 °C



Oil resistance  
 Very good resistance to aircraft fluids

**Dimensional characteristics**

Conductor cross-section (AWG/KCMIL)	4
Conductor diameter (mm)	6.1 ± 0.30
Conductor stranding	7 x 15 x 0.51
Maximum cable diameter	7.4 mm
Maximum weight	84 g/m
Minimum cable diameter	6.8 mm
Number of strands missing allowed	0

**Electrical characteristics**

Operating voltage	600 V
Maximal operating frequency	0.002 MHz
Max. DC resistance of the conductor at 20°C	1.5 Ohm/km

**Usage characteristics**

Operating temperature, range	-55 ... 150 °C
Oil resistance	Very good resistance to aircraft fluids
RoHS conform	-

**SELLING AND DELIVERY INFORMATION**

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