



CONTACT

Market information
industryprojects.business@lynxgroup.com

International Designation: NSA 935 308 YU 10*

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 Allo

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)	12
Conductor diameter (mm)	2.9 ± 0.20
Conductor stranding	27 x 0.51
Maximum cable diameter	4 mm
Maximum weight	26 g/m
Minimum cable diameter	3.6 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	5.8 Ohm/km

Usage characteristics

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

SELLING AND DELIVERY INFORMATION

By colored threads between polyimide tapes and external braid:

Manufacturer colour : Black + Grey = Nexans

Manufacturing year : Blue + Brown = 2014



Operating temp.
-55 ... 150 °C



Oil resistance
Very good resistance to aircraft fluids