



Reference: ASNE 0471 QP 01 A

CONTACT

Market information
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International Designation: ASNE 0471 QP01

180°C Operating Temperature (up to 200°C Peak)
 Flexible Nickel Plated Aluminium Light Weight
 Wires, Single and Multicore Large Sizes

Designed for general purpose aircraft wiring applications.

STANDARDS

International NSA 307110; NSA 935000

DESIGN CONSTRUCTION

SINGLE CORE (ASNE0438 YV)

Product designed according to : ASNE0438

CONDUCTOR

A Stranded Conductor
 Made of Nickel Plated Aluminium

INSULATION

Polyimide Tapes

EXTERNAL PROTECTION

Aromatic Polyamide Braid
 Impregnated with a Non Flammable Varnish

IDENTIFICATION

By colored threads between polyimide tapes and external braid
 1, 2 or 3 threads for manufacturer : i.e. Black + Grey = Lynxéo
 2 threads for year of manufacturing : i.e. Black + Pink = 2017

By colored carrier in the external Aromatic Polyamide braid:
 1 black carrier for wires Size AWG 06, 03, 01, 00 and 0000

Additional identification for multicore (QP):

By colored carrier in the external Aromatic Polyamide braid:

- 1 core with red carrier
- 1 core with blue carrier
- 1 core with yellow carrier

Dimensional characteristic note :

YV 000 and YV 0000 products : AWG not defined in ASN specification, values obtained by extension with defined construction.



Operating temp.
 -55 ... 180 °C



Oil resistance
 Very good resistance to aircraft fluids

CHARACTERISTICS

Construction characteristics

Conductor material	Stranded Conductor: Nickel plated aluminum
Insulation	Polyimide tape
Protection	Aromatic Polyamide Braid impregnated with a non flammable varnish

Dimensional characteristics

Conductor cross-section (AWG/KCMIL)	1
Conductor diameter	- mm
Conductor stranding	3 x YV 01 twisted
Maximum cable diameter	21.7 mm
Maximum weight	460 g/m

Electrical characteristics

Operating voltage	600 V
Maximal operating frequency	0.002 MHz
Max. DC resistance of the conductor at 20°C	0.77 Ohm/km

Usage characteristics

Operating temperature, range	-55 ... 180 °C
Oil resistance	Very good resistance to aircraft fluids
RoHS conform	-



Operating temp.
-55 ... 180 °C



Oil resistance
Very good resistance to aircraft fluids