



### CONTACT

Market information  
[industryprojects.business@lynxeogroup.com](mailto:industryprojects.business@lynxeogroup.com)

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 = Lynx<sup>eo</sup>  
 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

### Dimensional characteristics

Conductor diameter	- mm
--------------------	------

### Electrical characteristics

Operating voltage	600 V
Maximal operating frequency	0.002 MHz

### Usage characteristics

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

## PRODUCT LIST

Reference	Country Ref.	Max. DC Resist. Cond. 20°C [Ohm/km]	Max. cable diam. [mm]	Max. weight [g/m]
ASNE 0471 QP 00 A	-	0.44	28.4	742
ASNE 0471 QP 0A A	-	0.62	24.9	575
ASNE 0471 QP 01 A	-	0.77	21.7	460
ASNE 0471 QP 02 A	-	0.97	19.8	368
ASNE 0471 QP 03 A	-	1.22	18.1	297
ASNE 0471 QP 04 A	13300179	1.55	16.1	238
ASNE 0471 QP 06 A	13300187	2.27	13.8	170



Operating temp.  
-55 ... 180 °C



Oil resistance  
Very good resistance to aircraft fluids