



### CONTACT

Market information  
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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<br>[Ohm/km] | Max. cable diam.<br>[mm] | Max. weight<br>[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



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