



**Reference:** ASNE 0471 QP 04 A  
**Country Ref.:** 13300179

### CONTACT

Market information  
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**International Designation:** ASNE 0471 QP04

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)	4
Conductor diameter	- mm
Conductor stranding	3 x YV 04 twisted
Maximum cable diameter	16.1 mm
Maximum weight	238 g/m

### Electrical characteristics

Operating voltage	600 V
Maximal operating frequency	0.002 MHz
Max. DC resistance of the conductor at 20°C	1.55 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