



#### CONTACT

Market information  
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**International Designation:** EN 2267-010A 002

**Designed for general Purpose Aircraft Wiring Applications.**

UV Laser printable Wire  
 260°C Operating Temperature Light Weight  
 Arc Tracking Resistant

#### STANDARDS

**Product** EN 2267-010

#### DESIGN CONSTRUCTION

##### CORE

Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or  
 Nickel Plated Copper (AWG 22 to 2)

##### INSULATION

Special Polyimide Tape  
 Special UV PTFE Tape(s)

#### IDENTIFICATION

##### Standard colour code :

White except AWG 26 which is light yellow and AWG 22 which is light green  
 AWG 24 is available in light blue color (EN2267-010A 002B)

##### Color of marking: green

**Marking text:** EN DR \*\* FR F ++

*DR = Short designation*

*\*\* = AWG Wire Size*

*FR = Country of origin (FR = France)*

*F = Manufacturer (F = Lynxéo)*

*++ = Year of production (i.e. 13 = 2013)*

## CHARACTERISTICS

### Construction characteristics

Colour

S

Conductor material

Nickel-plated copper



Operating temp.  
 -55 ... 260 °C



Oil resistance  
 Very good resistance to aircraft fluids

#### Construction characteristics

Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Type of conductor	Stranded Conductor: Nickel plated high Strength copper alloy

#### Dimensional characteristics

Conductor cross-section (AWG/KCMIL)	24
Maximum core diameter	0.58 mm
minimum core diameter	0.56 mm
Maximum outer diameter	0.96 mm
Minimum cable diameter	0.85 mm
Conductor stranding	19 x 0.12
Maximum weight	2.72 g/m
Nominal weight	2.64 g/m

#### Electrical characteristics

Max. DC resistance of the conductor at 20°C	114 Ohm/km
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V

#### Usage characteristics

Operating temperature, range	-55 ... 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes



Operating temp.  
-55 ... 260 °C



Oil resistance  
Very good resistance to aircraft fluids