

**CONTACT**

Market information  
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Fire Resistant Cable, Single and Multi-cores Screened and Jacketed.

**Aero engine services applications.**

**STANDARDS**

**Product** 448-010-3-10

**DESIGN CONSTRUCTION****CORE**

Stranded conductor :  
Nickel clad copper alloy (AWG 22)  
Nickel clad copper (AWG 20 to 16)

004 : 19 x 0.15 mm

006 : 19 x 0.20 mm

010 : 19 x 0.25 mm

012 : 19 x 0.30 mm

**INSULATION**

Fire resistant insulation  
Polyimide Tape  
PTFE Tape

**SCREEN**

Nickel plated copper braid

**JACKET**

UV PTFE Tape(s)

**IDENTIFICATION****Cores identification**

Single core :

White with Red stripe

Marking on Jacket : White with Red stripe

10310-N0£C# \*\* BL F0241 +++++

£ = Number of Cores

# = A : Nickel clad copper, B : Nickel clad copper alloy

++++= Year of manufacturing



Operating temp.  
-65 ... 260 °C



Oil resistance  
Very good resistance to aircraft fluids

## CHARACTERISTICS

### Electrical characteristics

Operating voltage	600 V
Maximal operating frequency	0.002 MHz

### Usage characteristics

Operating temperature, range	-65 ... 260 °C
Oil resistance	Very good resistance to aircraft fluids

## PRODUCT LIST

Reference	Country Ref.	Name	Maximum cable diameter [mm]	Conductor cross-section (AWG/KCMIL)	Screen strands nominal diameter [mm]
☎	-	10310-N01CB22BL	2.73	22	0.1
☎	-	10310-N01CA20BL	3.01	20	0.1
☎	-	10310-N01CA18BL	3.57	18	0.12
☎	-	10310-N01CA16BL	3.72	16	0.12

☎ = Make to order, 📦 = In stock,



Operating temp.  
-65 ... 260 °C



Oil resistance  
Very good resistance to aircraft fluids

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International Designation: 10310-N01CB22BL

### STANDARDS

Product 448-010-3-10

## CHARACTERISTICS

### Construction characteristics

Conductor material	Nickel clad copper alloy
Insulating material	Fire resistant, Polyimide tape, PTFE tape
Insulation colour	White with red stripe
Jacket material	UV PTFE tape
Number of conductors	1
Screen	Nickel plated copper braid

### Dimensional characteristics

Maximum cable diameter	2.73 mm
Conductor cross-section (AWG/KCMIL)	22
Screen strands nominal diameter	0.1 mm
Maximum weight	16.51 g/m
Conductor stranding	-
Maximum core diameter	0.8 mm
Minimum cable diameter	- mm
minimum core diameter	- mm

### Electrical characteristics

Operating voltage	600 V
Max. DC resistance of the conductor at 20°C	80.9 Ohm/km
Maximal operating frequency	0.002 MHz

### Usage characteristics

Operating temperature, range	-65 ... 260 °C
Oil resistance	Very good resistance to aircraft fluids

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International Designation: 10310-N01CA20BL

### STANDARDS

Product 448-010-3-10

## CHARACTERISTICS

### Construction characteristics

Conductor material	Nickel Clad copper
Insulating material	Fire resistant, Polyimide tape, PTFE tape
Insulation colour	White with red stripe
Jacket material	UV PTFE tape
Number of conductors	1
Screen	Nickel plated copper braid

### Dimensional characteristics

Maximum cable diameter	3.01 mm
Conductor cross-section (AWG/KCMIL)	20
Screen strands nominal diameter	0.1 mm
Maximum weight	21.54 g/m
Conductor stranding	-
Maximum core diameter	1.04 mm
Minimum cable diameter	- mm
minimum core diameter	- mm

### Electrical characteristics

Operating voltage	600 V
Max. DC resistance of the conductor at 20°C	44.3 Ohm/km
Maximal operating frequency	0.002 MHz

### Usage characteristics

Operating temperature, range	-65 ... 260 °C
Oil resistance	Very good resistance to aircraft fluids

### CONTACT

Market information  
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International Designation: 10310-N01CA18BL

### STANDARDS

Product 448-010-3-10

## CHARACTERISTICS

### Construction characteristics

Conductor material	Nickel Clad copper
Insulating material	Fire resistant, Polyimide tape, PTFE tape
Insulation colour	White with red stripe
Jacket material	UV PTFE tape
Number of conductors	1
Screen	Nickel plated copper braid

### Dimensional characteristics

Maximum cable diameter	3.57 mm
Conductor cross-section (AWG/KCMIL)	18
Screen strands nominal diameter	0.12 mm
Maximum weight	31.19 g/m
Conductor stranding	-
Maximum core diameter	1.29 mm
Minimum cable diameter	- mm
minimum core diameter	- mm

### Electrical characteristics

Operating voltage	600 V
Max. DC resistance of the conductor at 20°C	27.9 Ohm/km
Maximal operating frequency	0.002 MHz

### Usage characteristics

Operating temperature, range	-65 ... 260 °C
Oil resistance	Very good resistance to aircraft fluids

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International Designation: 10310-N01CA16BL

### STANDARDS

Product 448-010-3-10

## CHARACTERISTICS

### Construction characteristics

Conductor material	Nickel Clad copper
Insulating material	Fire resistant, Polyimide tape, PTFE tape
Insulation colour	White with red stripe
Jacket material	UV PTFE tape
Number of conductors	1
Screen	Nickel plated copper braid

### Dimensional characteristics

Maximum cable diameter	3.72 mm
Conductor cross-section (AWG/KCMIL)	16
Screen strands nominal diameter	0.12 mm
Maximum weight	36.94 g/m
Conductor stranding	-
Maximum core diameter	1.53 mm
Minimum cable diameter	- mm
minimum core diameter	- mm

### Electrical characteristics

Operating voltage	600 V
Max. DC resistance of the conductor at 20°C	18.8 Ohm/km
Maximal operating frequency	0.002 MHz

### Usage characteristics

Operating temperature, range	-65 ... 260 °C
Oil resistance	Very good resistance to aircraft fluids