

### CONTACT

Market information  
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**International Designation:** 10310-N01CA18BL

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****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



Operating temp.  
-65 ... 260 °C



Oil resistance  
Very good resistance to aircraft fluids