

CONTACT

Market information
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International Designation: 10310-N01CA16BL

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	3.72 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



Operating temp.
-65 ... 260 °C



Oil resistance
Very good resistance to aircraft fluids