

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

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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