

CONTACT

Market information
industryprojects.business@lyn
xeogroup.com

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

Operating voltage	600 V
Maximal operating frequency	0.002 MHz
操作度范	- 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

Insulating material	Fire resistant, Polyimide tape, PTFE tape
Insulation colour	White with red stripe
Jacket material	UV PTFE tape
Number of conductors	1
	Nickel clad copper alloy
	Nickel plated copper braid
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
Operating voltage	600 V
20 ° C DC	80.9 Ohm/km
Maximal operating frequency	0.002 MHz
操作度范	- 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

Insulating material	Fire resistant, Polyimide tape, PTFE tape
Insulation colour	White with red stripe
Jacket material	UV PTFE tape
Number of conductors	1
	Nickel Clad copper
	Nickel plated copper braid
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
Operating voltage	600 V
20 ° C DC	44.3 Ohm/km
Maximal operating frequency	0.002 MHz
操作度范	- 65 ... 260 ° C
Oil resistance	Very good resistance to aircraft fluids

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International Designation: 10310 - N01CA18BL

STANDARDS

Product 448 - 010 - 3 - 10

CHARACTERISTICS

Insulating material	Fire resistant, Polyimide tape, PTFE tape
Insulation colour	White with red stripe
Jacket material	UV PTFE tape
Number of conductors	1
	Nickel Clad copper
	Nickel plated copper braid
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
Operating voltage	600 V
20 ° C DC	27.9 Ohm/km
Maximal operating frequency	0.002 MHz
操作度范	- 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

Insulating material	Fire resistant, Polyimide tape, PTFE tape
Insulation colour	White with red stripe
Jacket material	UV PTFE tape
Number of conductors	1
	Nickel Clad copper
	Nickel plated copper braid
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
Operating voltage	600 V
20 ° C DC	18.8 Ohm/km
Maximal operating frequency	0.002 MHz
操作度范	- 65 ... 260 ° C
Oil resistance	Very good resistance to aircraft fluids