



Reference: EN 2714-013C 010F
(MLC18)

Country Ref.: 10087156

CONTACT

Market information
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International Designation: MLC 18 010

Designed for general Purpose Aircraft Wiring Applications.

260°C, Screened and Jacketed,
Light Weight, UV cable,
Arc tracking Resistant

STANDARDS

Product EN 2267-009; EN 2714-013

DESIGN CONSTRUCTION

CORES

1 cores
EN2267-009A

SCREEN

Nickel plated copper spiral screen

JACKET

Polyimide tape
UV PTFE tape

CORES

2, 3 or 4 cores
EN2267-009A

SCREEN

Nickel plated copper spiral screen

JACKET

Polyimide tape
UV PTFE tap

IDENTIFICATION

IDENTIFICATION

1 core (MLB) : white except code 001: Light Yellow/ code 004: Light Green
:

Marking : EN DRA ++ FRF **

Colour of marking: White for red and green core,
Green for blue and yellow core

Jacket

Colour : White except code 002, 006, 012 : Light Blue

Marking : EN xxx ++ FRF **

Colour of marking: Green

xxx : Short designation (MLA, MLB, MLC, MLD)

++ : AWG

FR : Country of Origin (FR = France)

F : Manufacturer (F = Lynxéo)

** : Year of manufacturing (ie 14 = 2014)



Oil resistance
Very good resistance to aircraft fluids



RoHS compliant
Yes



Operating temp.
-55 ... 260 °C

CHARACTERISTICS

Construction characteristics

Colour	-
Core identification	Red,Blue,Yellow
Jacket color	White
Jacket material	Polyimide tape, UV PTFE tape
Number of conductors	3
Screen	Nickel plated copper spiral screen
Sheath colour	-

Dimensional characteristics

Nominal outer diameter	3.85 inches
Maximum outer diameter	4.0 mm
Conductor cross-section (AWG/KCMIL)	18
Number of cores	3
Screen strands nominal diameter	0.12 mm
Maximum weight	42.96 g/m
Nominal weight	41.75 g/m

Electrical characteristics

Maximal operating frequency	0.002 MHz
Maximum DC resistance at 20°C	21.7 Ohm/100m
Operating Voltage Vo DC	28 V
Operating voltage between phases	200 V
Operating voltage between phase and neutral	115 V

Usage characteristics

Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes
RoHS compliant	Yes
Operating temperature, range	-55 ... 260 °C



Oil resistance
Very good resistance to aircraft fluids



RoHS compliant
Yes



Operating temp.
-55 ... 260 °C

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