



**Reference:** EN 2714-013C 010F  
(MLD18)

### CONTACT

Market information  
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**International Designation:** MLD 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, Green
Jacket color	White
Jacket material	Polyimide tape, UV PTFE tape
Number of conductors	4
Screen	Nickel plated copper spiral screen
Sheath colour	-

### Dimensional characteristics

Nominal outer diameter	4.25 inches
Maximum outer diameter	4.41 mm
Conductor cross-section (AWG/KCMIL)	18
Number of cores	4
Screen strands nominal diameter	0.12 mm
Maximum weight	55.22 g/m
Nominal weight	53.73 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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