



Reference: EN 2714-013B 004F
(MLB22)

Country Ref.: 10062825

CONTACT

Market information
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International Designation: MLB 22 004

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 |
| Jacket color | White |
| Jacket material | Polyimide tape, UV PTFE tape |
| Number of conductors | 2 |
| Screen | Nickel plated copper spiral screen |
| Sheath colour | - |

Dimensional characteristics

| | |
|-------------------------------------|-------------|
| Nominal outer diameter | 2.55 inches |
| Maximum outer diameter | 2.7 mm |
| Conductor cross-section (AWG/KCMIL) | 22 |
| Number of cores | 2 |
| Screen strands nominal diameter | 0.08 mm |
| Maximum weight | 13.64 g/m |
| Nominal weight | 12.7 g/m |

Electrical characteristics

| | |
|---|---------------|
| Maximal operating frequency | 0.002 MHz |
| Maximum DC resistance at 20°C | 61.7 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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