



Reference: EN 2714 - 013C
012F (MLC16)
Country Ref.: 10116382

CONTACT

Market information
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International Designation: MLC 16 012

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

Core identification	Red,Blue,Yellow
Jacket color	Light blue
Jacket material	Polyimide tape, UV PTFE tape
Number of conductors	3
Sheath colour	-
	Nickel plated copper spiral screen
Nominal outer diameter	4.53 inches
Maximum outer diameter	4.73 mm
Conductor cross - section (AWG/KCMIL)	16
	3
Screen strands nominal diameter	0.15 mm
Maximum weight	60.67 g/m
Nominal weight	57.96 g/m
Maximal operating frequency	0.002 MHz
Maximum DC resistance at 20 ° C	14.9 Ohm/100m
Operating Voltage Vo DC	28 V
Operating voltage between phases	200 V
Operating voltage between phase and neutral	115 V
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes
RoHS compliant	Yes
操作度范	- 55 ... 260 ° C



Oil resistance
Very good resistance to aircraft fluids



RoHS compliant
Yes



Operating temp.
- 55 ... 260 ° C

NEW FREE SECTION - 103114