EN 2714-013 MLA, MLB, MLC, MLD

Designed for general Purpose Aircraft Wiring Applications.

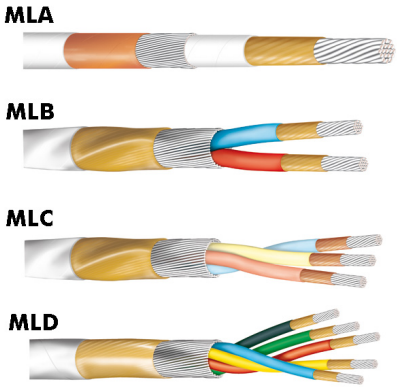
260°C, Screened and Jacketed,
Light Weight, UV cable,
Arc tracking Resistant

Description

CORES
1, 2, 3 or 4 cores
EN2267-009A

SCREEN
Nickel plated copper spiral screen

JACKET
Polyimide tape
UV PTFE tape



Standards

International EN 2267-009;
EN 2714-013; prEN 3475

Characteristics

Electrical characteristics	
Operating voltage	600 V
Maximal operating frequency	0.002 MHz
Usage characteristics	
Operating temperature, range	-55 .. 260 °C
Oil resistance	Very good resistance to aircraft fluids
Flame retardant	FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)
Arc tracking resistant	Yes

Operating temp. range
-55 .. 260 °C

Oil resistance
Very good resistance to aircraft fluids

Flame retardant
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)

EN 2714-013 MLA, MLB, MLC, MLD

Dimensions and Weights

Nexans references	Code of nominal section	Color code	AWG	Nb of cores	Screen strands nom. Ø (mm)	Finished wire						
						Colours		Max. DC Resistance at 20°C (68°F) (Ohms/km)	Diameter (mm)		Weight (g/m)	
						Cores	Jacket		Nom.	Max.	Nom.	Max.
MLA 26	001	F	26	1	0.08	Light yellow	White	160	1.23	1.31	4.35	4.68
MLA 24	002	F	24	1	0.08	White	Light blue	114	1.36	1.45	5.37	5.76
MLA 22	004	F	22	1	0.08	Light green	White	60	1.50	1.60	6.97	7.51
MLA 20	006	F	20	1	0.08	White	Light blue	33.2	1.75	1.84	10.28	10.77
MLA 18	010	F	18	1	0.08	White	White	21.1	1.99	2.08	14.47	14.97
MLA 16	012	F	16	1	0.10	White	Light blue	14.5	2.32	2.43	19.95	20.97
MLA 14	020	F	14	1	0.10	White	White	10.9	2.65	2.74	26.17	27.03
MLA 12	030	F	12	1	0.10	White	White	6.8	3.06	3.20	37.31	39.70
MLA 10	051	F	10	1	0.12	White	White	4.1	3.74	3.89	58.72	61.94
MLB 26	001	F	26	2	0.08	1 Red 1 Blue	White	165	2.01	2.13	7.63	8.17
MLB 24	002	F	24	2	0.08		Light blue	117	2.27	2.40	9.58	10.23
MLB 22	004	F	22	2	0.08		White	61.7	2.55	2.70	12.70	13.64
MLB 20	006	F	20	2	0.10		Light blue	34.1	3.09	3.22	20.17	21.05
MLB 18	010	F	18	2	0.10		White	21.7	3.57	3.71	28.62	29.52
MLB 16	012	F	16	2	0.12		Light blue	14.9	4.19	4.38	39.30	41.20
MLB 14	020	F	14	2	0.15		White	11.2	4.91	5.04	54.19	55.83
MLB 12	030	F	12	2	0.20		White	6.99	5.83	6.09	81.80	86.79
MLB 10	051	F	10	2	0.20		White	4.22	7.11	7.39	123.94	130.51
MLC 26	001	F	26	3	0.08	1 Red 1 Blue 1 Yellow	White	165	2.13	2.26	10.25	10.94
MLC 24	002	F	24	3	0.10		Light blue	117	2.45	2.59	13.83	14.72
MLC 22	004	F	22	3	0.10		White	61.7	2.75	2.91	18.45	19.76
MLC 20	006	F	20	3	0.12		Light blue	34.1	3.33	3.48	29.23	30.44
MLC 18	010	F	18	3	0.12		White	21.7	3.85	4.00	41.75	42.96
MLC 16	012	F	16	3	0.15		Light blue	14.9	4.53	4.73	57.96	60.67
MLC 14	020	F	14	3	0.15		White	11.2	5.25	5.39	76.59	78.83
MLC 12	030	F	12	3	0.20		White	6.99	6.23	6.5	115.68	122.72
MLC 10	051	F	10	3	0.20		White	4.22	7.61	7.90	177.31	186.69
MLD 26	001	F	26	4	0.10	1 Red 1 Blue 1 Yellow 1 Green	White	165	2.37	2.51	13.69	14.57
MLD 24	002	F	24	4	0.10		Light blue	117	2.69	2.84	17.37	18.47
MLD 22	004	F	22	4	0.10		White	61.7	3.03	3.19	23.4	25.04
MLD 20	006	F	20	4	0.12		Light blue	34.1	3.67	3.82	37.31	38.81
MLD 18	010	F	18	4	0.12		White	21.7	4.25	4.41	53.73	55.22
MLD 16	012	F	16	4	0.15		Light blue	14.9	5.01	5.23	74.58	78.02
MLD 14	020	F	14	4	0.20		White	11.2	5.91	6.06	104.39	107.36

Operating temp. range
-55 .. 260 °C

Oil resistance
Very good resistance to aircraft fluids

Flame retardant
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)

EN 2714-013 MLA, MLB, MLC, MLD

Identification

Cores

One core (MLA)	: White except code 001 : Light Yellow code 004 : Light Green
Two cores (MLB)	: Red - Blue
Three cores (MLC)	: Red - Blue - Yellow
Four cores (MLD)	: Red - Blue - Yellow - 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 = Nexans)

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

Operating temp. range
-55 .. 260 °C

Oil resistance
Very good resistance to aircraft fluids

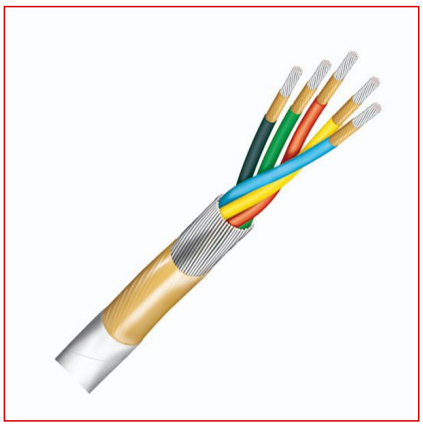
Flame retardant
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)

EN 2714-014 MMD, MME, MMF, MMG, MMH, MMJ, MMK

Designed for general Purpose Aircraft Wiring Applications.

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

Description



CORES
EN 2267-009A
Polyimide tape

SCREEN
Nickel plated copper braid

JACKET
Polyimide tape
UV PTFE tape

Standards

International EN 2267-009;
EN 2714-014; prEN 3475

Characteristics

Electrical characteristics	
Operating voltage	600 V
Maximal operating frequency	0.002 MHz
Usage characteristics	
Operating temperature, range	-55 .. 260 °C
Flame retardant	FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

Operating temp. range
-55 .. 260 °C

Flame retardant
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)

Oil resistance
Very good resistance to aircraft fluids

EN 2714-014 MMD, MME, MMF, MMG, MMH, MMJ, MMK

Dimensions and Weights

Nexans references	Code of nominal section	Color code	AWG	Nb of cores	Screen strands nom. Ø (mm)	Finished wire						
						Colours		Max. DC Resistance at 20°C (68°F) (Ohms/km)	Diameter (mm)		Weight (g/m)	
						Cores	Jacket		Nom.	Max.	Nom.	Max.
EN 2714-014D	004	F	22	4	0.10	Red, Blue, Yellow, Green	White	61.7	3.28	3.45	26.88	28.23
EN 2714-014D	006	F	20	4	0.12		Light Blue	34.1	3.99	4.19	42.10	44.21
EN 2714-014E	002	F	24	5	0.10	Red, Blue, Yellow, Green, White	Light Blue	117	3.21	3.29	24.79	26.2
EN 2714-014E	004	F	22	5	0.12		White	61.7	3.68	3.87	35.65	37.43
EN 2714-014E	006	F	20	5	0.12		Light Blue	34.1	4.38	4.60	52.80	55.43
EN 2714-014E	010	J	18	5	0.12	White. Blue. Yellow. Red Green	White	21.7	5.03	5.26	73.22	76.0
EN 2714-014E	012	J	16	5	0.12		Light blue	14.9	5.82	6.10	97.31	102.2
EN 2714-014E	020	J	14	5	0.12		White	11.2	6.71	7.05	128.62	135.0
EN 2714-014E	030	H	12	5	0.15	Black. Blue Yellow. Red Green	Light blue	6.99	7.94	8.41	191.3	205.6
EN 2714-014F	002	F	24	6	0.12	Red, Blue, Yellow, Green, White,.Black	Light blue	117	3.56	3.65	31.9	32.2
EN 2714-014F	006	F	20	6	0.15		Light blue	34.1	4.90	5.15	66.17	70
EN 2714-014F	012	F	16	6	0.15		Light blue	14.9	6.45	6.77	120.7	126.7
EN 2714-014G	002	F	24	7	012	Red. Blue Yellow. Green White. Black Brown	Light blue	117	3.61	3.80	32.96	34.60
EN 2714-014G	004	F	22	7	0.12		White	61.7	3.99	4.19	44.52	46.75
EN 2714-014H	002	F	24	8	0.12	Red. Blue Yellow. Green White. Black Brown. Orange	Light blue	117	4.12	4.37	42.25	42.95
EN 2714-014H	006	F	20	8	0.15		Light blue	34.1	5.69	5.97	88.94	93
EN 2714-014J	004	F	22	9	0.12	Red. Blue Yellow. Green White. Black Brown. Orange. Violet	White	61.7	4.63	4.86	55.97	58.77
EN 2714-014K	002	F	24	10	0.12	Red. Blue Yellow. Green White. Black Brown. Orange. Violet. Grey	Light Blue	117	4.51	4.74	46.43	48.75
EN 2714-014K	004	-	22	11	0.12	Red. Blue Yellow. Green White. Black Brown. Orange. Violet. Grey. Light Green	White	61.7	5.21	5.47	68.26	71.67

Operating temp. range
-55 .. 260 °C

Flame retardant
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)

Oil resistance
Very good resistance to aircraft fluids

EN 2714-014 MMD, MME, MMF, MMG, MMH, MMJ, MMK

Identification

Short Designation

4 cores	: MMD
5 cores	: MME
6 cores	: MMF
7 cores	: MMG
8 cores	: MMH
9 cores	: MMJ
10 cores	: MMK

Cores

Colours	: See table on this datasheet
Marking	: EN DRA ++ FRF **
Colour of marking	: White for Black / Red / Brown / Green and Violet core Green for Blue / Yellow / White / Orange / Grey and Light green core

Jacket

Colours	: See table on this datasheet
Marking	: EN xxx ++ FRF **
Colour of marking	: Green xxx = Short designation (MMD, MME, ...) ++ = AWG FR = Country Origin (FR = France) F = Manufacturer (F = NEXANS) ** = Year of manufacturing (ie. 14 = 2014)

Operating temp. range
-55 .. 260 °C

Flame retardant
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)

Oil resistance
Very good resistance to aircraft fluids