

Datasheet

RS Stock

No:1113155

260°C, S/J, Light Weight, UV

Arc Tracking Resistant

PRODUCT REFERENCES

EN 2267-009A

EN 2267-010A

EN 2714-013* +++F

CONSTRUCTION

CORES

① 1, 2, 3 or 4

Cores EN 2267-009A

SCREEN

② Nickel-plated copper spiral screen

JACKET

③ Polyimide Tape

④ UV PTFE Tape

Characteristics

- Voltage rating : 600 Volts RMS.
- Operating temperature : -55°C to +260°C.(Ambient.+ Rise.)
- Operating frequency : up to 2000 Hz
- Dimensions and weights : see table on this data sheet
- Very Good Resistance to Aircraft Fluids
- Arc Tracking Resistant

Identification

- Core Colours
- Jacket Colours and
- Marking : see next pages on this data sheet

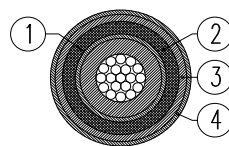
Applications

- Designed for general Purpose Aircraft Wiring Applications

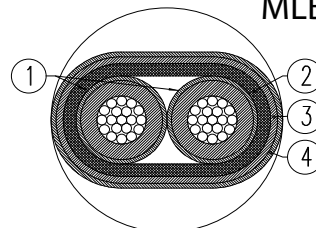
Specifications

- prEN 4434 for conductors
- prEN 2267-009 for cores
- prEN 2714-013 for Screened and Jacketed single and multicores
- EN 3475 -601 -602
- FAR/JAR-25, §25.869 (a)(4) and appendix F, Part 1, Change 15
- EN 3475-407, Method 1

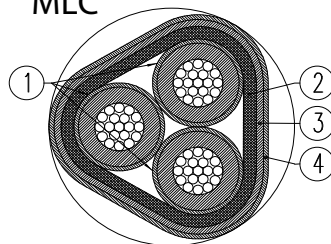
MLA



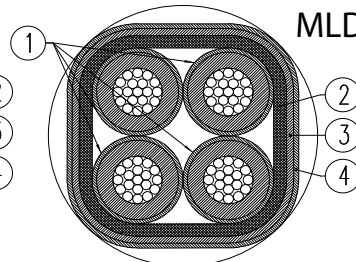
MLB



MLC



MLD





Dimensions and Weights (Metric Units)

PART NUMBERS	Code of Nominal section	Colour Code	US AWG	Nbr of Cores	strands nominal diameter (mm)	Colours		Maximum DC Resis- tance at 20°C (68°K) (Ohms/K m)	Diameter		Weight	
						Cores	Jacket		(mm)		(g/m)	
								Nom.	Max.	Nom.	Max.	
EN 2714-013A	001	F	26	1	0.08	Light yellow	White	160	1.23	1.31	4.35	4.68
EN 2714-013A	002	F	24	1	0.08	White	Light blue	114	1.36	1.45	5.37	5.76
EN 2714-013A	004	F	22	1	0.08	Light green	White	60	1.50	1.60	6.97	7.51
EN 2714-013A	006	F	20	1	0.08	White	Light blue	33.2	1.75	1.84	10.28	10.77
EN 2714-013A	010	F	18	1	0.08	White	White	21.1	1.99	2.08	14.47	14.97
EN 2714-013A	012	F	16	1	0.10	White	Light blue	14.5	2.32	2.43	19.95	20.97
EN 2714-013A	020	F	14	1	0.10	White	White	10.9	2.65	2.74	26.17	27.03
EN 2714-013A	030	F	12	1	0.10	White	White	6.8	3.06	3.20	37.31	39.70
EN 2714-013A	051	F	10	1	0.12	White	White	4.1	3.74	3.89	58.72	61.94
EN 2714-013B	001	F	26	2	0.08	1 Red 1 Blue	White	165	2.01	2.13	7.63	8.17
EN 2714-013B	002	F	24	2	0.08		Light blue	117	2.27	2.40	9.58	10.23
EN 2714-013B	004	F	22	2	0.08		White	61.7	2.55	2.70	12.70	13.64
EN 2714-013B	006	F	20	2	0.10		Light blue	34.1	3.09	3.22	20.17	21.05
EN 2714-013B	010	F	18	2	0.10		White	21.7	3.57	3.71	28.62	29.52
EN 2714-013B	012	F	16	2	0.12		Light blue	14.9	4.19	4.38	39.30	41.20
EN 2714-013B	020	F	14	2	0.15		White	11.2	4.91	5.04	54.19	55.83
EN 2714-013B	030	F	12	2	0.20		White	6.99	5.83	6.09	81.80	86.79
EN 2714-013B	051	F	10	2	0.20		White	4.22	7.11	7.39	123.94	130.51
EN 2714-013C	001	F	26	3	0.08		1 Red 1 Blue 1 Yellow	White	165	2.13	2.26	10.25
EN 2714-013C	002	F	24	3	0.10	Light blue		117	2.45	2.59	13.83	14.72
EN 2714-013C	004	F	22	3	0.10	White		61.7	2.75	2.91	18.45	19.76
EN 2714-013C	006	F	20	3	0.12	Light blue		34.1	3.33	3.48	29.23	30.44
EN 2714-013C	010	F	18	3	0.12	White		21.7	3.85	4.00	41.75	42.96
EN 2714-013C	012	F	16	3	0.15	Light blue		14.9	4.53	4.73	57.96	60.67
EN 2714-013C	020	F	14	3	0.15	White		11.2	5.25	5.39	76.59	78.83
EN 2714-013C	030	F	12	3	0.20	White		6.99	6.23	6.50	115.68	122.72
EN 2714-013C	051	F	10	3	0.20	White		4.22	7.61	7.90	177.31	186.69
EN 2714-013D	001	F	26	4	0.10	1 Red 1 Blue 1 Yellow 1 Green		White	165	2.37	2.51	13.69
EN 2714-013D	002	F	24	4	0.10		Light blue	117	2.69	2.84	17.37	18.47
EN 2714-013D	004	F	22	4	0.10		White	61.7	3.03	3.19	23.4	25.04
EN 2714-013D	006	F	20	4	0.12		Light blue	34.1	3.67	3.82	37.31	38.81
EN 2714-013D	010	F	18	4	0.12		White	21.7	4.25	4.41	53.73	55.22
EN 2714-013D	012	F	16	4	0.15		Light blue	14.9	5.01	5.23	74.58	78.02
EN 2714-013D	020	F	14	4	0.20		White	11.2	5.91	6.06	104.39	107.36

Core identification Colours :

- 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 ++ FR#** Colour : White for Red and Green core. Green for Blue and Yellow core.

Jacket identification : White except code 002/006/012 : Light Blue

Marking : EN xxx ++ FR#** Colour : Green

xxx = Short designation (MLA, MLB, MLC, MLD) ++ = Awg FR = Country of Origin (FR = France)

= Manufacturer ** = Year of manufacturing (ie. 02 = 2002)