



Draka Fileca

New

pr EN 2714-013A/B/C/D

DR data sheet

Light weight, high performance UV markable cables, 260°C Arc Tracking resistant

CHARACTERISTICS :

Environmental :

- ♦ Operating temperature : - 65°C to + 260°C
(ambient temperature + current heating)
- ♦ Resistant to :
 - Aircraft fluids (oils, hydrocarbons, kerosene, skydrols...)
 - Chemical agents
- ♦ Arc tracking resistant.

Mechanical :

- ♦ Weight : see table on reverse
- ♦ Dimensions : see table on reverse

Electrical :

- ♦ Maximum operating voltage : 600 Vrms
- ♦ Operating frequency : up to 2000 Hz
- ♦ Linear resistance : see table on reverse

APPLICATIONS :

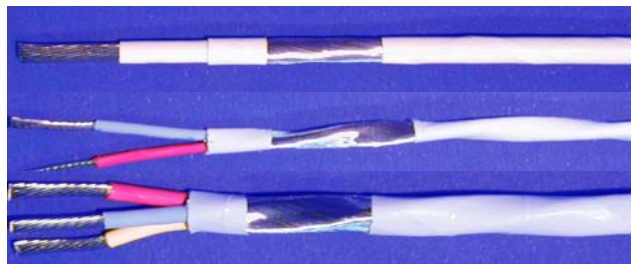
- ♦ General purpose high performance hook-up wires.
- ♦ Designed for Aerospace and other applications requiring excellent thermal stability and light weight.

OPTIONS :

- ♦ Other colours available on request
- ♦ Special packaging available on request.

IDENTIFICATION :

- ♦ 1 Core : Core : white except gauge 22 : light green and gauge 26 light yellow.
Jacket : Light blue for gauges 24-20-16, white for the others gauges.
- ♦ 2 Cores : Cores : red + blue
Jacket : Light blue for gauges 24-20-16, white for the other gauges.
- ♦ 3 Cores : Cores : red + blue + yellow
Jacket : light blue for gauges 24-20-16, white for the other gauges.
- ♦ 4 Cores : Cores : red + blue + yellow + green
Jacket : light blue for gauges 24-20-16, white for the other gauges.



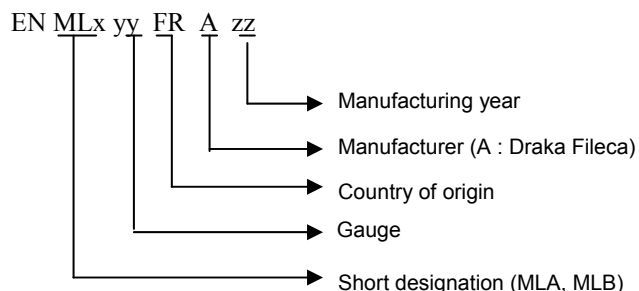
CONSTRUCTION :

- Cores : EN2267-009 (refer to EN2267-010 for dimensions)
- Helicoidal shield : Nickel plated copper coverage > 90%
- Jacket : Polyimide + PTFE tape, UV laser sensitive.

STANDARD/SPECIFICATIONS :

- ♦ Wires specification : pr EN2714-013 DR family, screened spiral and jacketed UV laser printable product standard)
- ♦ Technical specification : EN2235
- ♦ Compliant to ABD0031 : Flammability smoke toxicity requirements
FAR 25-869 Appendix F Part I

MARKING :



Example : EN MLD 24 FRA 04

A = 1 core
B = 2 cores
C = 3 cores
D = 4 cores



Draka Fileca

New

pr EN 2714-013A/B/C/D

DR data sheet

Draka part number	EN reference	Number of cores	Nominal cross section mm ²	AWG *	Linear Resistance (at 20°C)		Screen strands nominal diameter		Maximum outer diameter		Maximum Weight	
					Ω/km	Ω/1000 ft	mm	inch	mm	inch	Kg/km	Lbs / 1000 ft
XMLA26-001	EN2714-013A001F	1	0.15	26	160.0	48.77	0.08	0.0031	1.31	0.052	4.68	3.144
XMLA24-001	EN2714-013A002F	1	0.25	24	114.0	34.75	0.08	0.0031	1.45	0.057	5.76	3.870
XMLA22-001	EN2714-013A004F	1	0.40	22	60.0	18.29	0.08	0.0031	1.60	0.063	7.51	5.046
XMLA20-001	EN2714-013A006F	1	0.60	20	33.2	10.12	0.08	0.0031	1.84	0.072	10.77	7.238
XMLA18-001	EN2714-013A010F	1	1	18	21.1	6.43	0.08	0.0031	2.08	0.082	14.97	10.061
XMLA16-001	EN2714-013A012F	1	1.2	16	14.5	4.42	0.10	0.0039	2.43	0.096	20.97	14.094
XMLA14-001	EN2714-013A020F	1	2	14	10.9	3.32	0.10	0.0039	2.74	0.108	27.03	18.166
XMLA12-001	EN2714-013A030F	1	3	12	6.8	2.07	0.10	0.0039	3.2	0.126	39.70	26.682
XMLA10-001	EN2714-013A051F	1	5	10	4.1	1.25	0.12	0.0047	3.89	0.153	61.94	41.629
XMLB26-001	EN2714-013B001F	2	0.15	26	164.80	50.23	0.08	0.0031	2.13	0.084	8.17	5.491
XMLB24-001	EN2714-013B002F	2	0.25	24	117.42	35.79	0.08	0.0031	2.40	0.094	10.23	6.875
XMLB22-001	EN2714-013B004F	2	0.40	22	61.80	18.84	0.08	0.0031	2.70	0.106	13.64	9.167
XMLB20-001	EN2714-013B006F	2	0.60	20	34.20	10.42	0.10	0.0039	3.22	0.127	21.05	14.147
XMLB18-001	EN2714-013B010F	2	1	18	21.73	6.62	0.10	0.0039	3.71	0.146	29.52	19.840
XMLB16-001	EN2714-013B012F	2	1.2	16	14.94	4.55	0.12	0.0047	4.38	0.172	41.20	27.690
XMLB14-001	EN2714-013B020F	2	2	14	11.23	3.42	0.15	0.0059	5.04	0.198	55.83	37.522
XMLB12-001	EN2714-013B030F	2	3	12	7	2.13	0.20	0.0079	6.09	0.240	86.79	58.330
XMLB10-001	EN2714-013B051F	2	5	10	4.22	1.29	0.20	0.0079	7.39	0.291	130.51	87.714
XMLC26-001	EN2714-013C001F	3	0.15	26	164.80	50.53	0.08	0.0031	2.26	0.089	10.94	7.353
XMLC24-001	EN2714-013C002F	3	0.25	24	117.42	35.79	0.10	0.0039	2.59	0.102	14.72	9.893
XMLC22-001	EN2714-013C004F	3	0.40	22	61.80	18.84	0.10	0.0039	2.91	0.115	19.76	13.280
XMLC20-001	EN2714-013C006F	3	0.60	20	34.20	10.42	0.12	0.0047	3.48	0.137	30.44	20.458
XMLC18-001	EN2714-013C010F	3	1	18	21.73	6.62	0.12	0.0047	4.00	0.157	42.96	28.873
XMLC16-001	EN2714-013C012F	3	1.2	16	14.94	4.55	0.15	0.0059	4.73	0.186	60.67	40.775
XMLC14-001	EN2714-013C020F	3	2	14	11.23	3.42	0.15	0.0059	5.39	0.212	78.83	52.980
XMLC12-001	EN2714-013C030F	3	3	12	7	2.13	0.20	0.0079	6.50	0.256	122.72	82.478
XMLC10-001	EN2714-013C051F	3	5	10	4.22	1.29	0.20	0.0079	7.90	0.311	186.69	125.471
XMLD26-001	EN2714-013D001F	4	0.15	26	164.70	50.23	0.10	0.0039	2.51	0.099	14.57	9.792
XMLD24-001	EN2714-013D002F	4	0.25	24	117.42	35.79	0.10	0.0039	2.84	0.112	18.47	12.413
XMLD22-001	EN2714-013D004F	4	0.4	22	61.80	18.84	0.10	0.0039	3.19	0.126	25.04	16.829
XMLD20-001	EN2714-013D006F	4	0.6	20	34.20	10.42	0.12	0.0047	3.82	0.150	38.81	26.084
XMLD18-001	EN2714-013D010F	4	1	18	21.73	6.62	0.12	0.0047	4.41	0.174	55.22	37.112
XMLD16-001	EN2714-013D012F	4	1.2	16	14.94	4.55	0.15	0.0059	5.23	0.206	78.02	52.436
XMLD14-001	EN2714-013D020F	4	2	14	11.23	3.42	0.20	0.0079	6.06	0.239	107.36	75.155

* Closest American Wire Gage

All of the above information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Draka Fileca makes no warranties as to the accuracy or completeness of this information and disclaims any liability regarding its use. Draka Fileca's only obligations are those in the standards terms and conditions of sales for this product, and in no case will Draka Fileca be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use or misuse of the product. Draka Fileca specifications are subject to change without notice. In addition Draka Fileca reserves the right to make change in materials or processing, without notification to buyer, which do not affect compliance with any applicable specification.

DS-DR Issue 0 03-02-05

Draka Fileca-Foptica S.A
Route Nationale N° 1
60730 SAINTE-GENEVIEVE
France
Téléphone + 33 (0) 3 44 08 21 21
Fax + 33 (0) 3 44 08 98 86
www.draka-fileca.com