

Light weight, high performance Cables 260°C Arc Tracking

CHARACTERISTICS :

Environmental :

- ♦ Operating temperature : - 65°C to + 260°C
(ambient temperature + current heating)

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
- ♦ 5 cores and more on request
- ♦ Special packaging available on request.

IDENTIFICATION :

- ♦ 1st core : red with white marking
- ♦ 2nd core : light blue with dark green marking
- ♦ 3rd core : yellow with dark green marking
- ♦ 4th core : green with white marking

pr EN 2267-009-A/B/C/D

DR data sheet



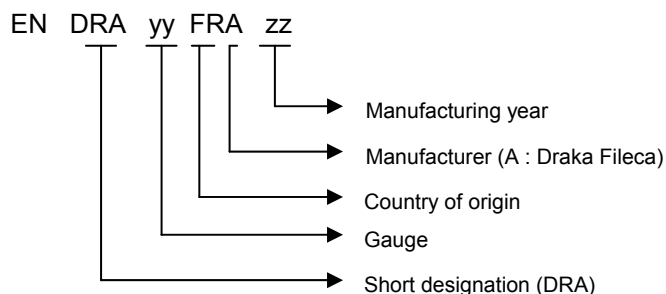
CONSTRUCTION :

- 1 : Conductors :
AWG 26 and AWG 24 : Nickel plated copper alloy
AWG 22 to AWG 6 : Nickel plated copper
- 2 : Reinforced polyimide tape
- 3 : PTFE tape
Refer to EN2267-010 data sheet for dimensions

STANDARD/SPECIFICATIONS :

- ♦ Conductors : for AWG 26 to AWG 6 pr EN 4434, table 2 : tight tolerances for AWG 4 and AWG 2 EN 2083
- ♦ Wires specifications : pr EN2267-009.
- ♦ Technical specification : EN2084
- ♦ Compliant to ABD0031 : Flammability smoke and toxicity requirements FAR 25-869 Appendix F part I.

MARKING ON CORE :



Example : EN DRA 24 FRA 05

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For single wires (DRA), refer to EN2267-010A data sheet

Draka part number	EN reference	Number of cores	Nominal section	AWG *	Maximum resistance (at 20°C)		Maximum outer diameter		Maximum weight	
					Ω/km	$\Omega/1000\text{ft}$	mm	inch	kg/km	Lbs/1000 ft
XDRB26-001	EN2267-009B001P	2	0.15	26	164.80	50.23	1.68	0.066	4.28	2.877
XDRB24-001	EN2267-009B002P	2	0.25	24	117.42	35.79	1.92	0.076	5.60	3.764
XDRB22-001	EN2267-009B004P	2	0.4	22	61.80	18.84	2.20	0.087	8.53	5.733
XDRB20-001	EN2267-009B006P	2	0.6	20	34.20	10.42	2.68	0.106	14.11	9.483
XDRB18-001	EN2267-009B010P	2	1	18	21.73	6.62	3.22	0.127	21.49	14.443
XDRB16-001	EN2267-009B012P	2	1.2	16	14.94	4.55	3.84	0.151	30.10	20.230
XDRB14-001	EN2267-009B020P	2	2	14	11.23	3.42	4.48	0.176	40.75	27.387
XDRB12-001	EN2267-009B030P	2	3	12	7.00	2.13	5.40	0.213	64.54	43.376
XDRB10-001	EN2267-009B051P	2	5	10	4.22	1.29	6.66	0.262	102.69	69.016
XDRB08-001	EN2267-009B090P	2	9	8	2.37	0.72	8.80	0.346	185.40	124.604
XDRB06-001	EN2267-009B140P	2	14	6	1.63	0.50	11.40	0.449	278.10	186.907
XDRB04-001	EN2267-009B220P	2	22	4	1.00	0.30	14.82	0.583	457.32	307.357
XDRB02-001	EN2267-009B340P	2	34	2	0.63	0.19	18.32	0.721	714.82	480.419
XDRC26-001	EN2267-009C001P	3	0.15	26	164.80	50.23	1.81	0.071	6.43	4.322
XDRC24-001	EN2267-009C002P	3	0.25	24	117.42	35.79	2.06	0.081	8.40	5.646
XDRC22-001	EN2267-009C004P	3	0.4	22	61.80	18.84	2.37	0.093	12.79	8.596
XDRC20-001	EN2267-009C006P	3	0.6	20	34.20	10.42	2.88	0.113	21.17	14.228
XDRC18-001	EN2267-009C010P	3	1	18	21.73	6.62	3.46	0.136	32.23	21.661
XDRC16-001	EN2267-009C012P	3	1.2	16	14.94	4.55	4.13	0.163	45.14	30.338
XDRC14-001	EN2267-009C020P	3	2	14	11.23	3.42	4.82	0.190	61.12	41.078
XDRC12-001	EN2267-009C030P	3	3	12	7.00	2.13	5.81	0.229	96.81	65.064
XDRC10-001	EN2267-009C051P	3	5	10	4.22	1.29	7.16	0.282	154.04	103.528
XDRC08-001	EN2267-009C090P	3	9	8	2.37	0.72	9.46	0.372	278.10	186.907
XDRC06-001	EN2267-009C140P	3	14	6	1.63	0.50	12.26	0.482	417.15	280.360
XDRC04-001	EN2267-009C220P	3	22	4	1.00	0.30	15.93	0.627	685.98	461.036
XDRC02-001	EN2267-009C340P	3	34	2	0.63	0.19	19.69	0.775	1072.23	720.629

* Closest American Wire Gage

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DR data sheet

Draka part number	EN reference	Number of cores	Nominal section	AWG *	Maximum resistance (at 20°C)		Maximum Outer diameter		Maximum weight	
					Ω/km	$\Omega/1000\text{ft}$	mm	inch	kg/km	Lbs/1000 ft
XDRD26-001	EN2267-009D001P	4	0.15	26	164.80	50.23	2.02	0.080	8.57	5.760
XDRD24-001	EN2267-009D002P	4	0.25	24	117.42	35.78	2.30	0.091	11.21	7.534
XDRD22-001	EN2267-009D004P	4	0.4	22	61.80	18.84	2.64	0.104	17.06	11.466
XDRD20-001	EN2267-009D006P	4	0.6	20	34.20	10.42	3.22	0.127	28.22	18.966
XDRD18-001	EN2267-009D010P	4	1	18	21.73	6.62	3.86	0.153	42.97	28.879
XDRD16-001	EN2267-009D012P	4	1.2	16	14.94	4.55	4.61	0.182	60.19	40.453
XDRD14-001	EN2267-009D020P	4	2	14	11.23	3.42	5.38	0.213	81.49	54.768
XDRD12-001	EN2267-009D030P	4	3	12	7.00	2.13	6.48	0.316	129.08	86.753
XDRD10-001	EN2267-009D051P	4	5	10	4.22	1.29	7.99	0.314	205.38	138.033
XDRD08-001	EN2267-009D090P	4	9	8	2.37	0.72	10.56	0.417	370.80	249.209
XDRD06-001	EN2267-009D140P	4	14	6	1.63	0.50	13.68	0.541	556.20	373.813
XDRD04-001	EN2267-009D220P	4	22	4	1.00	0.30	17.78	0.703	914.64	614.715
XDRD02-001	EN2267-009D340P	4	34	2	0.63	0.19	21.98	0.869	1429.64	960.838

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