

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

Description

CORE

Stranded Conductor :
Nickel Plated High Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

INSULATION

Special Polyimide Tape
Special UV PTFE Tape(s)



Standards

International EN 2267-010; 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 2267-010 DRA

Dimensions and Weights

Nexans references	Code of nominal section	Color code	AWG	Conductor			Finished wire				
				Stranding Number x Diam. of strands (mm)	Diameter (mm)		Maximum DC Resistance at 20°C (68°F) (Ohms/km)	Diameter (mm)		Weight (g/m)	
					Mini.	Max.		Mini.	Max.	Nom.	Max.
DRA 26	001	S	26	19 x 0.100	0.47	0.49	160.0	0.75	0.84	1.95	2.08
DRA 24	002	S	24	19 x 0.120	0.555	0.585	114.0	0.85	0.96	2.64	2.72
DRA 22	004	S	22	19 x 0.150	0.71	0.73	60.0	1.00	1.10	3.89	4.14
DRA 20	006	S	20	19 x 0.200	0.94	0.97	33.2	1.22	1.34	6.57	6.85
DRA 18	010	S	18	19 x 0.250	1.19	1.22	21.1	1.46	1.61	10.15	10.43
DRA 16	012	S	16	19 x 0.300	1.41	1.45	14.5	1.76	1.92	14.05	14.61
DRA 14	020	S	14	37 x 0.250	1.69	1.73	10.9	2.04	2.24	19.31	19.78
DRA 12	030	S	12	37 x 0.320	2.13	2.18	6.8	2.50	2.70	29.25	31.33
DRA 10	051	S	10	61 x 0.320	2.73	2.77	4.1	3.13	3.33	47.37	49.85
DRA 8	090	S	8	127 x 0.300	3.55	3.85	2.3	4.10	4.40	87.81	90.00
DRA 6	140	S	6	27 x 7 x 0.300	4.80	5.20	1.58	5.30	5.70	132.41	135.00
DRA 4	220	S	4	37 x 12 x 0.250	-	6.80	0.97	6.71	7.41	215.15	222.00
DRA 2	340	S	2	37 x 19 x 0.250	-	8.60	0.61	8.28	9.16	336.10	347.00

Identification

Standard colour code :

White except AWG 26 which is light yellow and AWG 22 which is light green

AWG 24 is available in light blue color (EN2267-010A 002B)

Marking green color :

EN DR ** FR F ++

DR = Short designation

** = AWG Wire Size

FR = Country of origin (FR = France)

F = Manufacturer (F = Nexans)

++ = Year of production (i.e. 13 = 2013)



Operating temp. range
-55 .. 260 °C



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Very good resistance to aircraft fluids



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

EN 2267-009 DRB, DRC, DRD

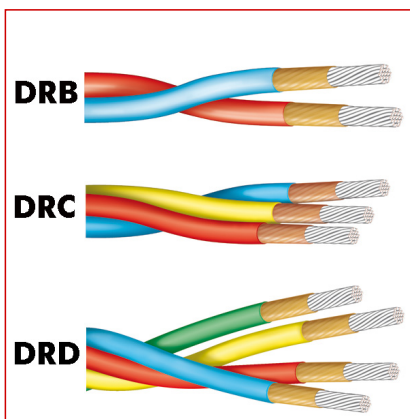
Designed for general Purpose Aircraft Wiring Applications.

Multicores DRA

Description

CORES

2, 3 or 4 cores EN2267-009A



Standards

International EN 2267-009; prEN 3475

Characteristics

Electrical characteristics

Operating voltage	600 V
Maximal operating frequency	0.002 MHz

Usage characteristics

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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



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

EN 2267-009 DRB, DRC, DRD

Dimensions and Weights

Part Number	Code of nominal section	Color code	AWG	Nb of cores	Finished wire					
					Colours Cores	Max. DC Resistance at 20°C (68°F) (Ohms/km)	Diameter (mm)		Weight (g/m)	
							Nom.	Max.	Nom.	Max.
DRB 26	001	P	26	2	1 Red 1 Blue	165	1.56	1.68	3.98	4.28
DRB 24	002	P	24	2		117	1.82	1.92	5.39	5.60
DRB 22	004	P	22	2		61.7	2.10	2.20	7.94	8.53
DRB 20	006	P	20	2		34.1	2.60	2.68	13.40	14.11
DRB 18	010	P	18	2		21.7	3.08	3.22	20.71	21.49
DRB 16	012	P	16	2		14.9	3.66	3.84	28.66	30.10
DRB 14	020	P	14	2		11.2	4.32	4.48	39.39	40.75
DRB 12	030	P	12	2		6.99	5.14	5.40	59.67	64.54
DRB 10	051	P	10	2		4.22	6.42	6.66	96.63	102.69
DRB 8	090	P	8	2		2.37	8.60	8.80	179.13	185.40
DRB 6	140	P	6	2		1.63	11.10	11.40	270.12	278.10
DRB 4	220	P	4	2		1	14.12	14.82	438.91	457.32
DRC 26	001	P	26	3	1 Red 1 Blue 1 Yellow	165	1.68	1.81	5.97	6.43
DRC 24	002	P	24	3		117	1.96	2.06	8.08	8.40
DRC 22	004	P	22	3		61.7	2.26	2.37	11.90	12.79
DRC 20	006	P	20	3		34.1	2.80	2.88	20.10	21.17
DRC 18	010	P	18	3		21.7	3.32	3.46	31.06	32.23
DRC 16	012	P	16	3		14.9	3.94	4.13	42.99	45.14
DRC 14	020	P	14	3		11.2	4.65	4.82	59.09	61.12
DRC 12	030	P	12	3		6.99	5.54	5.81	89.50	96.81
DRC 10	051	P	10	3		4.22	6.92	7.16	144.95	154.04
DRC 8	090	P	8	3		2.37	9.27	9.46	268.7	278.10
DRC 6	140	P	6	3		1.63	11.96	12.26	405.17	417.15
DRC 4	220	P	4	3		1	15.21	15.93	658.36	685.98
DRD 26	001	P	26	4	1 Red 1 Blue 1 Yellow 1 Green	165	1.88	2.02	7.96	8.57
DRD 24	002	P	24	4		117	2.20	2.30	10.77	11.21
DRD 22	004	P	22	4		61.7	2.53	2.64	15.87	17.06
DRD 20	006	P	20	4		34.1	3.14	3.22	26.81	28.22
DRD 18	010	P	18	4		21.7	3.72	3.86	41.41	42.97
DRD 16	012	P	16	4		14.9	4.42	4.61	57.32	60.19
DRD 14	020	P	14	4		11.2	5.21	5.38	78.78	81.49
DRD 12	030	P	12	4		6.99	6.20	6.48	119.34	129.08
DRD 10	051	P	10	4		4.22	7.75	7.99	193.27	205.38
DRD 8	090	P	8	4		2.37	10.38	10.56	358.26	370.80
DRD 6	140	P	6	4		1.63	13.40	13.68	540.23	556.20
DRD 4	220	P	4	4		1	17.04	17.78	877.81	914.64



Operating temp. range
-55 .. 260 °C



Oil resistance
Very good resistance to aircraft fluids



Flame retardant
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EN 2267-009 DRB, DRC, DRD

Identification

Colours of cores	: See table in this datasheet
Colours of marking	: White for red and green core, green for blue and yellow cores
Marking	: EN DRA ** FR F ++ DRA = short designation ** = AWG FR = Country of origin (FR = France) F = Manufacturer (F = Nexans) ++ = Year of production (i.e. 14 = 2014)



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