

**Light Weight,  
High Performance  
UV Markable Wires,  
260°C  
Arc Tracking Resistant**

**EN2267-010**

**DR Series**

**CHARACTERISTICS:**

**Physical & 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.

**Electrical:**

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

**Mechanical:**

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

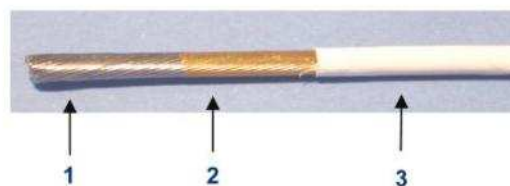
**APPLICATIONS:**

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

**IDENTIFICATION:**

- ♦ Standard versions are based on PTFE tape that can be marked by UV laser.
- ♦ Colour of insulation :
  - AWG 26 : Light yellow
  - AWG 22 : Light green
  - Other gauges : White

**CONSTRUCTION:**

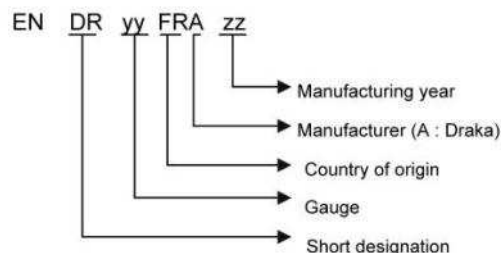


- 1 : Conductors :
  - AWG 26 and AWG 24 : Nickel plated copper alloy
  - AWG 22 to AWG 2 : Nickel plated copper
- 2 : Reinforced polyimide tape
- 3 : PTFE tape, UV laser sensitive

**STANDARDS/SPECIFICATONS:**

- ♦ 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 EN2267-010 for marking by UV laser markers.
- ♦ Technical specification : EN2084
- ♦ Compliant to ABD0031 : Flammability smoke and toxicity requirements and 14 CFR FAR25-1713.

**MARKING:**



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Short Designation	EN reference	Nominal cross section mm <sup>2</sup>	AWG *	Linear resistance (at 20°C)		Outer diameter				Maximum weight	
						Minimum		Maximum			
				Ω/km	Ω/1000ft	mm	inch	mm	inch	kg/km	Lbs / 1000ft
DR26	EN2267-010A001S	0.15	26	160.0	48.77	0.75	0.0295	0.84	0.0331	2.08	1.397
DR24	EN2267-010A002S	0.25	24	114.0	34.75	0.85	0.0335	0.96	0.0378	2.72	1.827
DR22	EN2267-010A004S	0.40	22	60.0	18.29	1.00	0.0394	1.10	0.0433	4.14	2.781
DR20	EN2267-010A006S	0.60	20	33.2	10.12	1.22	0.0480	1.34	0.0528	6.85	4.604
DR18	EN2267-010A010S	1	18	21.1	6.43	1.46	0.0575	1.61	0.0634	10.43	7.008
DR16	EN2267-010A012S	1.2	16	14.5	4.42	1.76	0.0693	1.92	0.0756	14.61	9.817
DR14	EN2267-010A020S	2	14	10.9	3.32	2.04	0.0803	2.24	0.0882	19.78	13.291
DR12	EN2267-010A030S	3	12	6.8	2.07	2.50	0.0984	2.70	0.1063	31.33	21.060
DR10	EN2267-010A051S	5	10	4.1	1.25	3.13	0.1232	3.33	0.1311	49.85	33.497
DR08	EN2267-010A090S	9	8	2.3	0.70	4.10	0.1614	4.40	0.1732	90.00	60.490
DR06	EN2267-010A140S	14	6	1.58	0.48	5.30	0.2087	5.70	0.2244	135.00	90.728
DR04	EN2267-010A220S	22	4	0.97	0.30	6.71	0.2642	7.41	0.2917	222.00	149.206
DR02	EN2267-010A340S	34	2	0.61	0.19	8.28	0.326	9.16	0.3606	347.00	233.212

\* Closest American Wire Gage