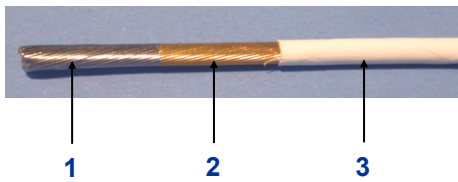


DR-Series

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

Cable Design

EN 2267-010



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

- not to scale -

General purpose high-performance hook-up wires.

Designed for aerospace and other applications requiring excellent thermal stability and light weight.

Characteristics

Physical & Environmental

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

Electrical:

- Maximum Operating Voltage: 115V (phase to neutral) or 200 V (phase to phase)
AC electrical system of aircrafts
- Operating Frequency: up to 2000 Hz
- Linear Resistance: see table on reverse

Mechanical:

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

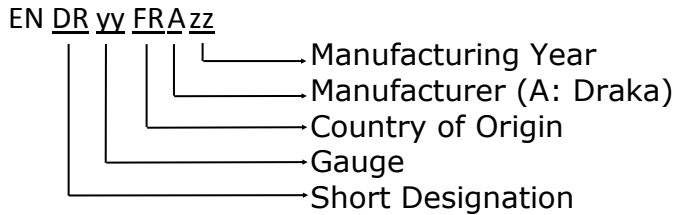
Standards/Specifications

- Conductors: for AWG 26 to AWG 6 pr EN 4434,
Table 2: tight tolerances for AWG 4 and AWG 2 EN 2083
- Wires Specifications: EN2267-010 for marking by UV-Laser Markers
- Technical Specification: EN2084
- Compliant to ABD0031: Flammability, Smoke and Toxicity requirements and
14 CFR FAR25-1713

Identification

- Standard versions are based on PTFE tape that can be marked by UV-Laser
- Color of Insulation:
 - AWG 26: Light Yellow
 - AWG 22: Light Green
 - Other Gauges: White

Marking



Technical Data

Short Designation	EN Reference	Nominal Cross Section mm ²	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 Gauge