

**Shielded, Jacketed Light Weight
Single and Multicore, ,
High Performance Hook-up
Cables 200°C**

**EN2713-012
DR Series**

CHARACTERISTICS:

Physical & Environmental:

- Operating temperature : - 55°C to + 200°C
- Positively non-flammable
- High resistance to aircraft fluids
- Very low toxicity and smoke emission
- Jacket suitable for UV laser marking
- Arc Tracking resistant

Electrical:

- Operating voltage: 600Vac
- Linear resistance: See table on reverse

Mechanical:

- Jacket reinforcing the mechanical and electrical protection of the screen.
- The cores:
- Minimum bend radius:
 - Static (fixed installation): 6 x Outer diameter
 - Dynamic use: 10 x Outer diameter
- Weight: See table on reverse
- Dimensions: See table on reverse

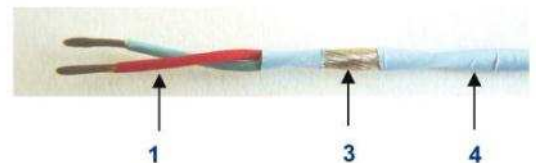
APPLICATIONS:

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

IDENTIFICATION:

- 1 core: White except gauge 22 light green and gauge 26 light yellow.
- 2 cores: red + blue
- 3 cores: red + blue + yellow
- 4 cores: red + blue + yellow + green
- Jacket: Light blue for gauges 24-20-16. White for the others gauges.

CONSTRUCTION:

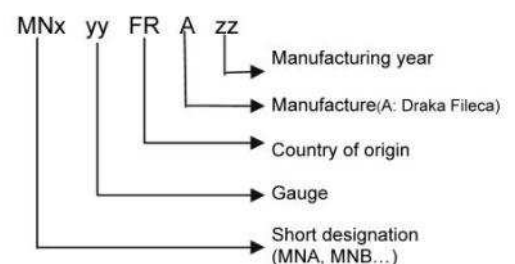


- 1- Cores/ EN2267-009—DR A not UV markable (refer to EN2267-010 for dimensions).
- 2- Helicoidal screen:
 - Silver plated copper
 - Coverage > 90%
- 3- Jacket:
 - Polyimide tape.
 - Fluoropolymer top coat.
 - Can be marked by UV laser .

STANDARDS/SPECIFICATONS:

- Cores: According to EN2267-009
- Cable: According to EN2273-012
- Compliant to: FAR25-869 appendix F Part I and EN3475-407 flammability requirements ABD0031, EN3475-601 & 602 smoke and toxicity requirements.

MARKING:



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Light Weight
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High Performance
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EN2713-012

DR Series

Short Designation	EN Reference	Number of Cores	AWG *	Nominal Cross Section mm ²	Maximum Linear Resistance at 20°C		Screen Strands Nominal Diameter		Maximum Outer Diameter		Maximum Weight	
					Ω/km	Ω/1000ft	mm	Inch	mm	Inch	Kg/km	Lbs/1000ft
MNA26	EN2713-012A001F	1	26	0.15	160	48.77	0.08	0.0031	1.23	0.0484	4.45	2.990
MNA24	EN2713-012A002F	1	24	0.25	114	34.75	0.08	0.0031	1.35	0.0531	5.30	3.562
MNA22	EN2713-012A0041F	1	22	0.4	60	18.29	0.08	0.0031	1.49	0.0587	7.16	4.812
MNA20	EN2713-012A006F	1	20	0.6	33.2	10.12	0.08	0.0031	1.73	0.0681	10.53	7.076
MNA18	EN2713-012A010F	1	18	1	21.1	6.43	0.08	0.0031	2.00	0.0787	14.90	10.013
MNA16	EN2713-012A012F	1	16	1.2	14.5	4.42	0.1	0.0039	2.35	0.0925	20.82	13.991
MNA14	EN2713-012A020F	1	14	2	10.9	3.32	0.1	0.0039	2.63	0.1038	26.54	17.835
MNA12	EN2713-012A030F	1	12	3	6.8	2.07	0.1	0.0039	3.13	0.1232	39.75	26.712
MNA10	EN2713-012A050F	1	10	5	4.1	1.25	0.1	0.0039	3.76	0.1480	60.05	40.354
MNB26	EN2713-012B001F	2	26	0.15	165	50.29	0.08	0.0031	2.07	0.0815	7.96	5.349
MNB24	EN2713-012B002F	2	24	0.25	117	35.66	0.08	0.0031	2.31	0.0909	9.61	6.458
MNB22	EN2713-012B0041F	2	22	0.4	61.7	18.81	0.08	0.0031	2.59	0.1020	13.28	8.924
MNB20	EN2713-012B006F	2	20	0.6	34.10	10.39	0.1	0.0039	3.14	0.1236	20.96	14.085
MNB18	EN2713-012B010F	2	18	1	21.7	6.61	0.1	0.0039	3.65	0.1437	29.71	19.965
MNB16	EN2713-012B012F	2	16	1.2	14.9	4.54	0.12	0.0047	4.31	0.1697	41.29	27.747
MNB14	EN2713-012B020F	2	14	2	11.2	3.41	0.12	0.0047	4.87	0.1921	53.08	35.670
MNC26	EN2713-012C001F	3	26	0.15	165	50.29	0.08	0.0031	2.20	0.0866	10.75	7.224
MNC24	EN2713-012C002F	3	24	0.25	117	35.66	0.08	0.0031	2.45	0.0965	13.17	8.850
MNC22	EN2713-012C004F	3	22	0.4	61.7	18.81	0.08	0.0031	2.76	0.1087	18.36	12.338
MNC20	EN2713-012C006F	3	20	0.6	34.1	10.39	0.1	0.0039	3.35	0.1319	29.27	19.669
MNC18	EN2713-012C010F	3	18	1	21.7	6.61	0.1	0.0039	3.89	0.1531	42.02	28.237
MNC16	EN2713-012C012F	3	16	1.2	14.9	4.54	0.12	0.0047	4.60	0.1811	58.47	39.292
MNC14	EN2713-012C020F	3	14	2	11.2	3.41	0.15	0.0059	5.26	0.2072	78.63	52.839
MNC12	EN2713-012C030F	3	12	3	6.99	2.13	0.15	0.0059	6.34	0.2496	118.54	79.659
MND26	EN2713-012D001F	4	26	0.15	165	50.29	0.08	0.0031	2.41	0.0949	13.54	9.099
MND24	EN2713-012D002F	4	24	0.25	117	35.66	0.08	0.0031	2.70	0.1063	16.67	11.202
MND22	EN2713-012D004F	4	22	0.4	61.7	18.81	0.1	0.0039	3.08	0.1213	24.55	16.498
MND20	EN2713-012D006F	4	20	0.6	34.1	10.39	0.1	0.0039	3.70	0.1457	37.59	25.260
MND18	EN2713-012D010F	4	18	1	21.7	6.61	0.12	0.0047	4.35	0.1713	55.87	37.545
MND16	EN2713-012D012F	4	16	1.2	14.9	4.54	0.12	0.0047	5.10	0.2008	75.54	50.763
MND14	EN2713-012D020F	4	14	2	11.2	3.41	0.12	0.0047	5.83	0.2295	101.75	68.376

* Closest American Wire gauge

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