

- 1 • Two to four wires NEMA HP3
- 2 • Silver plated copper braid
- 3 • Fluorinated PTFE tape

ELECTROAIR®

MEEBA-AEE Shielded & Jacketed



Standards and approvals

Construction:

- Insulated cores according to NEMA HP3

Performances:

- IEC 60332-1
- C2 NF C 32-070
- FAR 25

Colour code

- MEEBA-AEE 2X: White jacket and Blue / White cores
 - MEEBA-AEE 3X: White jacket and Blue / White / Red cores
 - MEEBA-AEE 4X: White jacket and Blue / White / Red / Yellow cores
- For any other request: please contact us

Applications

Electrical lightweight cables used in electronic equipments for aircraft, missile systems or aeronautical test benches

Characteristics

• Thermal

Continuous operating temperature: **-90°C to +200°C**

• Electrical

Operating voltage: 600 V RMS

• Mechanical

Resistance to abrasion: ★★★★★
EN 3475

• Chemical

Resistance to chemical environments: ★★★★★
Resistance to humidity: ★★★★★
Resistance to aircraft fluids: ★★★★★
EN 3475

• Fire-smoke

Flame retardant
IEC 60332-1 / C2 NF C 32-070 / FAR 25

WIRE (NEMA HP3 E)

AWG	Stranding (n x mm)	Code NEMA HP3	Cable outer diameter (mm)		Approx. linear weight (kg / km)	Maximum linear resistance at 20°C (Ω / km)
			Mini	Maxi		
28	7 x 0.13	HP3 - E - WBCB	0.79	0.99	2.0	208.7
26	7 x 0.16	HP3 - E - WBDB	0.89	1.09	2.8	130.2
26	19 x 0.10	HP3 - E - WBDE	0.89	1.11	2.9	122.4
24	7 x 0.20	HP3 - E - WBEB	1.02	1.22	4.0	80.4
24	19 x 0.13	HP3 - E - WBEE	1.02	1.24	4.2	77.4
22	7 x 0.25	HP3 - E - WBFB	1.17	1.37	5.2	51.2
22	19 x 0.16	HP3 - E - WBFE	1.17	1.42	5.5	48.6
20	7 x 0.32	HP3 - E - WBGB	1.37	1.57	7.5	32.2
20	19 x 0.20	HP3 - E - WBGE	1.37	1.57	8.0	29.9

MEEBA-AEE

AWG	2X		3X		4X		Maximum linear resistance at 20°C (Ω / km)
	Cable outer diameter (mm) Maxi	Maximum linear weight (kg / km)	Cable outer diameter (mm) Maxi	Maximum linear weight (kg / km)	Cable outer diameter (mm) Maxi	Maximum linear weight (kg / km)	
28	2.80	13.4	3.19	19.5	3.40	22.4	214.9
26	3.10	17.7	3.31	22.9	3.60	24.5	134.2
26	3.10	17.7	3.33	22.9	3.60	24.5	126.0
24	3.30	21.0	3.57	27.6	3.80	28.9	82.8
24	3.30	21.0	3.61	27.6	3.80	28.9	79.8
22	3.62	25.7	3.91	34.1	4.30	39.2	52.7
22	3.70	25.7	4.00	34.1	4.30	39.2	50.0
20	4.02	34.4	4.34	46.6	4.70	51.5	33.2
20	4.02	34.4	4.34	46.6	4.70	51.5	30.8

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