

ELECTROAIR®

AGZ 04 Unshielded

- 1 • Silver plated copper core
- 2 • Fluorinated polymer FEP

Standards and approvals

Construction:

- Inspired of NF C 93-523

Performances:

- NF C 93-523
- IEC 60332-1
- C2 NF C 32-070
 - FAR 25
- ABD0031
- EN 3475

Colour code

- Red, Blue, Yellow, Green, White, Black, Brown, Orange, Purple, Grey
- For any other request: please contact us

Applications

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

Our range AGZ is an alternative to KZ NF C 93-523 (similar performances with a FEP insulation instead of PTFE)



Characteristics

• Thermal

Continuous operating temperature: **-55°C to +200°C**

• Electrical

Operating voltage: 250 V RMS

• Mechanical

Resistance to abrasion: ★★★★★
EN 3475

• Chemical

Resistance to chemical environments: ★★★★★

Resistance to humidity: ★★★★★

Resistance to aircraft fluids: ★★★★★

NF C 93-523

• Fire-smoke

Flame retardant

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

Low smoke density

ABD0031

• Arc tracking resistance

EN 3475

(tested on wire AGZ05)

AGZ 04

AWG	Cross Section (mm ²)	Stranding (n x mm)	Cable outer diameter Maxi (mm)	Approx. linear weight (kg / km)	Maximum linear resistance at 20°C (Ω / km)
32	0.03	7 x 0.08	0.58	0.9	546.0
30	0.06	7 x 0.10	0.66	1.3	349.0
28	0.09	7 x 0.13	0.73	1.8	201.0
26	0.14	7 x 0.16	0.84	2.4	132.0
24	0.22	7 x 0.20	0.96	3.4	86.0
22	0.34	7 x 0.25	1.11	5.0	54.4
20	0.60	7 x 0.32	1.40	8.3	31.3

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.

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