

# ELECTROAIR®

## AGZ 06 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: 1,000 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 06

AWG	Cross Section (mm <sup>2</sup> )	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	1.09	2.6	546.0
30	0.06	7 x 0.10	1.16	3.0	349.0
28	0.09	7 x 0.13	1.24	3.7	201.0
26	0.14	7 x 0.16	1.34	4.6	132.0
24	0.22	7 x 0.20	1.47	5.8	86.0
22	0.34	7 x 0.25	1.63	7.7	54.4
20	0.60	7 x 0.32	1.86	11.0	31.3
18	0.93	7 x 0.40	2.17	16.0	20.5
16	1.34	19 x 0.30	2.41	21.1	13.9
14	1.91	19 x 0.36	2.92	30.0	10.0
12	3.09	19 x 0.45	3.55	47.5	6.0
10	4.77	37 x 0.40	3.88	53.3	3.9
8	8.60	133 x 0.29	5.56	99.0	2.2

CGP SAS  
62 route du Coin  
42400 Saint-Chamond  
FRANCE  
Phone: **+33 (0)4 77 31 02 54**  
www.omerin.com



[www.omerin.com](http://www.omerin.com)

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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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