

ELECTROAIR®

AGZ 05 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: 600 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

AGZ 05

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	0.84	1.7	546.0
30	0.06	7 x 0.10	0.91	2.1	349.0
28	0.09	7 x 0.13	1.00	2.6	201.0
26	0.14	7 x 0.16	1.10	3.4	132.0
24	0.22	7 x 0.20	1.22	4.5	86.0
22	0.34	7 x 0.25	1.37	6.2	54.4
20	0.60	7 x 0.32	1.62	9.5	31.3
18	0.93	7 x 0.40	1.92	14.1	20.5
16	1.34	19 x 0.30	2.27	20.0	13.9
14	1.91	19 x 0.36	2.66	27.0	10.0
12	3.09	19 x 0.45	3.24	42.5	6.0

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