ABS 0949 - AD AWG 3 to 000



Designed for general purpose aircraft wiring applications.

Nickel Platted Aluminium Alloy Conductors
UV laser printable.

STANDARDS

Product ABS 0958; ABS 0949 AD

Test prEN 3475

DESIGN CONSTRUCTION

CONDUCTOR
Nickel plated aluminium rope-lay conductor

INSULATION
High performance polyimide tape
Special UV PTFE tape

IDENTIFICATION

Standard color: Grey

Color of marking : Blue

Marking text: AD ** FR F++

** = *AWG*
FR = *Country of origin (FR = France)* F = *Manufacturer (F = Lynxeo)* ++ = *Year of production (i.e. 14 = 2014)*

ELECTRICAL AND HIGH FREQUENCY PERFORMANCES

Voltage rating: 600 Volts RMS - At sea level

CONTACT

Market information
industryprojects.business@lynxeogroup.com

CHARACTERISTICS

Construction characteristics	
Conductor material	Nickel copper clad aluminium alloy rope-lay conductor
Dimensional characteristics	
Conductor stranding	-

Operating temp.
-60 ... 180 °C

Oil resistance
Very good resistance to aircraft fluids

RoHS compliant
Yes

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxeo is indicative only and shall not be binding on Lynxeo or be treated as constituting a representation on the part of Lynxeo.

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Usage characteristics	
Operating temperature, range	-60 ... 180 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes
RoHS compliant	Yes

PRODUCT LIST

Reference	Country Ref.	Max. DC Resist. Cond. 20°C [Ohm/km]	Min. outer diam. [mm]	Max. outer diam. [mm]	Min. cable diam. [mm]	Max. cable diam. [mm]	Nominal weight [g/m]	Max. weight [g/m]
ABS 0949 AD 000 A	10277643	0.36	12.4	13.0	12.91	13.71	267.57	276
ABS 0949 AD 00 A	10277642	0.43	11.1	11.7	11.65	12.37	222.96	230
ABS 0949 AD 0 A	10277592	0.6	9.7	10.3	10.29	10.93	175.81	181
ABS 0949 AD 1 A	10277589	0.75	8.3	8.9	8.94	9.5	139.17	143.5
ABS 0949 AD 2 A	10277641	0.94	7.4	8.0	8.07	8.57	113.1	116.5
ABS 0949 AD 3 A	13300236	1.18	6.5	7.1	7.28	7.74	91.26	94



Operating temp.
-60 ... 180 °C



Oil resistance
Very good resistance to aircraft fluids



RoHS compliant
Yes

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