



CONTACT

Market information
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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 = Lynx^{eo}) ++ = Year of production (i.e. 14 = 2014)

CHARACTERISTICS

Construction characteristics

Conductor material Nickel copper clad aluminium alloy rope-lay conductor

Dimensional characteristics

Conductor stranding -

Electrical characteristics

Operating voltage 600 V

Usage characteristics

Operating temperature, range -60 ... 180 °C



Operating temp.
-60 ... 180 °C



Oil resistance
Very good resistance to aircraft fluids



RoHS compliant
Yes

Usage characteristics

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