



Reference: ABS 0949 AD 2 A
Country Ref.: 10277641

CONTACT

Market information
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International Designation: ABS 0949 AD 2

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 = Lynxéo) ++ = Year of production (i.e. 14 = 2014)

CHARACTERISTICS

Construction characteristics

Conductor material	Nickel copper clad aluminium alloy rope-lay conductor
Insulation	High performance polyimide tape, Special UV PTFE Tape

Dimensional characteristics

Minimum cable diameter	8.07 mm
Maximum cable diameter	8.57 mm



Operating temp.
 -60 ... 180 °C



Oil resistance
 Very good resistance to aircraft fluids



RoHS compliant
 Yes

Dimensional characteristics

Conductor cross-section (AWG/KCMIL)	2
Maximum weight	116.5 g/m
Conductor stranding	-
Maximum outer diameter	8.0 mm
Minimum outer diameter	7.4 mm
Nominal weight	113.1 g/m

Electrical characteristics

Operating voltage	600 V
Maximal operating frequency	0.0002 MHz
Max. DC resistance of the conductor at 20°C	0.94 Ohm/km

Usage characteristics

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



Operating temp.
-60 ... 180 °C



Oil resistance
Very good resistance to aircraft fluids



RoHS compliant
Yes