



Reference: ABS 1356 VNA 12

CONTACT

Market information
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International Designation: ABS 1356 VNA 12AWG

Designed for general purpose aircraft wiring applications.

Screened and Jacketed Single and Multicores
 UV Laser Printable

STANDARDS

Product ABS 1356

Test prEN 3475

DESIGN CONSTRUCTION

CONDUCTOR

1 cores ABS 0949 AD

Nickel Copper Clad Aluminium

SCREEN

Nickel-plated copper spiral screen

JACKET

Polymide tape
 UV PTFE tape

IDENTIFICATION

1 core (VNA) : Grey

Marking text : " XXX ** FR F++ "

Colour : Green for AWG 22, 18, 14 and 10 - Blue for AWG 24, 20, 16 and 12

JACKET IDENTIFICATION



Operating temp.
 -65 ... 180 °C



Oil resistance
 Very good resistance to aircraft fluids



RoHS compliant
 Yes

CHARACTERISTICS**Construction characteristics**

Conductor material	Nickel Copper Clad Aluminum
Core identification	Grey
Insulating material	-
Jacket color	Grey
Jacket material	Polyimide tape, UV PTFE tape
Number of conductors	1
Screen	Nickel plated copper spiral screen

Dimensional characteristics

Nominal outer diameter	3.09 mm
Conductor cross-section (AWG/KCMIL)	12
Screen strands nominal diameter	0.1 mm
Maximum weight	24.3 g/m
Conductor stranding	-
Maximum core diameter	- mm
Maximum outer diameter	3.2 mm
Nominal weight	22.56 g/m
Number of cores	1

Electrical characteristics

Maximal operating frequency	0.0002 MHz
Maximum DC resistance at 20°C	10.9 Ohm/100m
Operating voltage	600 V

Usage characteristics

Operating temperature, range	-65 ... 180 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes
RoHS compliant	Yes