



**Reference:** ABS 1356 VNA 18  
**Country Ref.:** 10265759

### CONTACT

Market information  
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**International Designation:** ABS 1356 VNA 18 AWG

**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

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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	2.03 mm
Conductor cross-section (AWG/KCMIL)	18
Screen strands nominal diameter	0.08 mm
Maximum weight	10.4 g/m
Conductor stranding	-
Maximum core diameter	- mm
Maximum outer diameter	2.11 mm
Nominal weight	9.73 g/m
Number of cores	1

**Electrical characteristics**

Maximal operating frequency	0.0002 MHz
Maximum DC resistance at 20°C	33.2 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