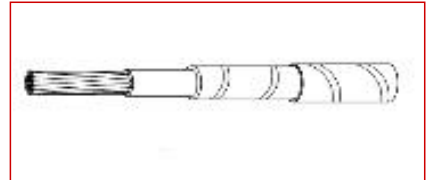


VG 95218-20 type H  
Single wire

### Description

### Applications

Designed for general purpose aircraft wiring applications.



### Construction

- **CONDUCTOR**
  1. Stranded conductor made of silver plated copper or high strength copper alloy (size 002)
- **INSULATION**
  2. PTFE tape
  3. Polyimide tape
  4. UV laser markable FEP lacquer top coat

### Standards

**National** VG 95218-2;  
VG 95218-20 H

### Other characteristics

Operating frequency : up to 2000 Hz



Operating temp. range  
-65 .. 150 °C



Oil resistance  
Very good resistance to aircraft  
fluids



Flame retardant  
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F  
part 1 (3)



RoHS conform  
Yes

## FX 5301

### Characteristics

#### Electrical characteristics

|                             |           |
|-----------------------------|-----------|
| Maximum operating voltage   | 600 V     |
| Maximal operating frequency | 0.002 MHz |

#### Usage characteristics

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| Operating temperature, range | -65 .. 150 °C                                           |
| Oil resistance               | Very good resistance to aircraft fluids                 |
| Flame retardant              | FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3) |
| Arc tracking resistant       | Yes                                                     |
| RoHS conform                 | Yes                                                     |

### FX 5301

| VG references    | Nexans references | Dash number (VG) | Size code (NEXANS) | AWG | Conductor                                     |                  |      |
|------------------|-------------------|------------------|--------------------|-----|-----------------------------------------------|------------------|------|
|                  |                   |                  |                    |     | Stranding<br>Nbr x diam of<br>strands<br>(mm) | Diameter<br>(mm) |      |
|                  |                   |                  |                    |     |                                               | Nom.             | Max. |
| VG 95218T020H019 | FX 5301-002       | 01               | 002                | 24  | 19 x 0.12                                     | 0.55             | 0.62 |
| VG 95218T020H02A | FX 5301-004       | 02               | 004                | 22  | 19 x 0.15                                     | 0.70             | 0.80 |
| VG 95218T020H039 | FX 5301-006       | 03               | 006                | 20  | 19 x 0.20                                     | 0.94             | 1.04 |
| VG 95218T020H049 | FX 5301-010       | 04               | 010                | 18  | 19 x 0.25                                     | 1.18             | 1.29 |
| VG 95218T020H059 | FX 5301-012       | 05               | 012                | 16  | 19 x 0.30                                     | 1.39             | 1.53 |
| VG 95218T020H069 | FX 5301-020       | 06               | 020                | 14  | 37 x 0.25                                     | 1.68             | 1.82 |
| VG 95218T020H079 | FX 5301-030       | 07               | 030                | 12  | 37 x 0.32                                     | 2.12             | 2.28 |



Operating temp. range  
-65 .. 150 °C



Oil resistance  
Very good resistance to aircraft fluids



Flame retardant  
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)



RoHS conform  
Yes

## FX 5301

### FX 5301 Finished wire

| VG references    | Nexans references | Finsihed wire |      |              |                                                |
|------------------|-------------------|---------------|------|--------------|------------------------------------------------|
|                  |                   | Diameter (mm) |      | Weight (g/m) | Maximum DC resistance at 20°C (68°F) (Ohms/Km) |
|                  |                   | Min.          | Max. |              |                                                |
| VG 95218T020H019 | FX 5301-002       | 0.98          | 1.08 | 3.23         | 106                                            |
| VG 95218T020H02A | FX 5301-004       | 1.12          | 1.24 | 4.59         | 55.3                                           |
| VG 95218T020H039 | FX 5301-006       | 1.33          | 1.47 | 7.29         | 31                                             |
| VG 95218T020H049 | FX 5301-010       | 1.58          | 1.72 | 10.69        | 19.6                                           |
| VG 95218T020H059 | FX 5301-012       | 1.81          | 1.97 | 14.86        | 13.6                                           |
| VG 95218T020H069 | FX 5301-020       | 2.07          | 2.19 | 19.43        | 10.2                                           |
| VG 95218T020H079 | FX 5301-030       | 2.53          | 2.69 | 30.83        | 6.4                                            |

### Selling information

#### Colors

White (except size 004 in pale blue)

#### Marking :

VG95218T020H \*\*£ F 0241 ++ AC with :

\*\* = Dash number

£ = color (9=white, A=pale blue)

F0241= Manufacturer's cage code

++= Year of production (i.e. 13 = 2013)

AC = Cable code according to TR 6058



Operating temp. range  
-65 .. 150 °C



Oil resistance  
Very good resistance to aircraft fluids



Flame retardant  
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)



RoHS conform  
Yes