

## MIL-DTL-22759/80-92

High performance airframe wire

1

### Applications

Based on a dual insulation of polytetrafluorethylene/polyamide and modified PTFE tapes. Used by the US airforce, regional jet and throughout the aerospace industry.

### Features & Benefits

- Small and lightweight
- Extreme temperature performance
- Extremely flexible
- Excellent abrasion resistance

### Operating Temperature

- -55°C to +260°C

### Specifications/Approvals

• MIL-DTL-22759/80	150°C
• MIL-DTL-22759/81	200°C
• MIL-DTL-22759/82	260°C
• MIL-DTL-22759/86	200°C
• MIL-DTL-22759/87	260°C
• MIL-DTL-22759/88	150°C
• MIL-DTL-22759/89	200°C
• MIL-DTL-22759/90	260°C
• MIL-DTL-22759/91	200°C
• MIL-DTL-22759/92	260°C

### Voltage Rating

- 600 volts



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## MIL-DTL-22759 Primary Wire

Military Part Number	Conductor Type	Description	Gauge Size AWG	Weight kg/km	Colours
M22759/80-A-X	Tinned Copper	Lightweight airframe wire	14 - 26	18.7 - 2.1	White
M22759/81-A-X	Silver plated HSCA or UHSCA	Lightweight airframe wire	20 - 26	6.5 - 2.1	White
M22759/82-A-X	Nickel plated HSCA or UHSCA	Lightweight airframe wire	20 - 26	6.5 - 2.1	White
M22759/86-A-X	Silver plated copper	Normal weight airframe wire	14 - 26	19.3 - 2.3	White
M22759/87-A-X	Nickel plated copper	Normal weight airframe wire	14 - 26	19.3 - 2.3	White
M22759/88-A-X	Tinned copper	Normal weight airframe wire	14 - 26	19.3 - 2.3	White
M22759/89-A-X	Silver plated HSCA or UHSCA	Normal weight airframe wire	20 - 26	6.8 - 2.3	White
M22759/90-A-X	Nickel plated HSCA or UHSCA	Normal weight airframe wire	20 - 26	6.8 - 2.3	White
M22759/91-A-X	Silver plated copper	Lightweight airframe wire	14 - 26	18.7 - 2.1	White
M22759/92-A-X	Nickel plated copper	Lightweight airframe wire	14 - 26	18.7 - 2.1	White

**Note:** A = Wire gauge size. X = Insulation colour, the standard insulation colour is white (-9) with coloured spiral stripes for identification. For further information, technical data or assistance with your specific MIL-DTL-22759/80-92 wire requirements, please contact us.

**Ordering Example:** A single 26awg MIL-DTL-22759/80 tinned copper conductor, lightweight airframe wire is required. The part number required for the above is M22759/80-26-9 (White).