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| **SAE AS22759/41** |

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|  | * M22759/41 is a normal weight, high temperature airframe and avionics wire insulated with a dual layer cross-linked, modified ethylene-tetrafluoroethylene (ETFE) insulation. It exhibits high resistance to flame, chemical attack, radiation, and soldering iron contact. |
| |  |  | | --- | --- | | Conductor: | Nickel Plated Copper | | Insulation: | Cross-linked modified ETFE | | Temp Rating: | 200°C | | Voltage Rating: | 600 Volts R.M.S. | | M27500 Type: | SM | | |

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BW-3020-X** | 26 | 19 x 38 | 0.038 | 0.042 | 1.70 |
| **BW-3030-X** | 24 | 19 x 36 | 0.043 | 0.047 | 2.30 |
| **BW-3040-X** | 22 | 19 x 34 | 0.048 | 0.052 | 3.20 |
| **BW-3050-X** | 20 | 19 x 32 | 0.056 | 0.060 | 4.70 |
| **BW-3060-X** | 18 | 19 x 30 | 0.067 | 0.073 | 7.20 |
| **BW-3070-X** | 16 | 19 x 29 | 0.074 | 0.080 | 9.00 |
| **BW-3080-X** | 14 | 19 x 27 | 0.091 | 0.097 | 13.8 |
| **BW-3090-X** | 12 | 37 x 28 | 0.108 | 0.114 | 20.5 |
| **BW-3000-X** | 10 | 37 x 26 | 0.130 | 0.138 | 32.4 |
| **BW-3008-X** | 8 | 133 x 29 | 0.187 | 0.203 | 64.2 |
| **BW-3006-X** | 6 | 133 x 27 | 0.231 | 0.251 | 96.8 |
| **BW-3004-X** | 4 | 133 x 25 | 0.300 | 0.320 | 163 |
| **BW-3002-X** | 2 | 665 x 30 | 0.389 | 0.421 | 246 |
| **BW-3001-X** | 1 | 817 x 30 | 0.429 | 0.461 | 314 |
| **BW-3001/0-X** | 1/0 | 1045 x 30 | 0.469 | 0.501 | 421 |
| **BW-3002/0-X** | 2/0 | 1330 x 30 | 0.529 | 0.561 | 518 |

X = Color: See Page BCC-1

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| **SAE AS22759/42** |

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|  | * M22759/42 is a normal weight, high temperature airframe and avionics wire insulated with a dual layer cross-linked, modified ethylene-tetrafluoroethylene (ETFE) insulation. It exhibits high resistance to flame, chemical attack, radiation, and soldering iron contact. The high strength conductor improves the flex life and break strength of the wire. |
| |  |  | | --- | --- | | Conductor: | Nickel Plated High Strength Copper Alloy | | Insulation: | Cross-linked modified ETFE | | Temp Rating: | 200°C | | Voltage Rating: | 600 Volts R.M.S. | | M27500 Type: | SN | | |

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BW-3120-X** | 26 | 19 x 38 | 0.038 | 0.042 | 1.70 |
| **BW-3130-X** | 24 | 19 x 36 | 0.043 | 0.047 | 2.30 |
| **BW-3140-X** | 22 | 19 x 34 | 0.048 | 0.052 | 3.30 |
| **BW-3150-X** | 20 | 19 x 32 | 0.056 | 0.060 | 4.80 |

X = Color: See Page BCC-1