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| **SAE AS22759/82** |

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|  | * M22759/82 is a lightweight, high performance aerospace hook-up wires insulated with a layer of polytetrafluoroethylene (PTFE)/polyamide/PTFE tape, covered with PTFE tape. These wires are designed for aerospace and other applications requiring thermal stability and high break strength. |
| |  |  | | --- | --- | | Conductor: | Nickel Plated High Strength Copper Alloy | | Insulation: | PTFE/polyimide/PTFE tape, covered with PTFE tape | | Temp Rating: | 260°C | | Voltage Rating: | 600 Volts R.M.S. | | M27500 Type: | WE | | |

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BW-6320-X** | 26 | 19 x 38 | 0.030 | 0.034 | 1.43 |
| **BW-6330-X** | 24 | 19 x 36 | 0.034 | 0.038 | 1.93 |
| **BW-6340-X** | 22 | 19 x 34 | 0.040 | 0.043 | 2.85 |
| **BW-6350-X** | 20 | 19 x 32 | 0.048 | 0.051 | 4.38 |

X = Color: See Page BCC-1

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| **SAE AS22759/83** |

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|  | * M22759/83 wires are large size, high-performance aerospace wire insulated with four layers of polytetrafluoroethylene (PTFE)/polyamide/PTFE tape, with an outer layer of polyamide braid for superior abrasion resistance. The preferred color of the polyimde braid is dark green with the color designator 5D. |
| |  |  | | --- | --- | | Conductor: | Silver Plated Copper | | Insulation: | 4 layers of PTFE/polyimide/PTFE tape, covered with PTFE tape | | Temp Rating: | 200°C | | Voltage Rating: | 600 Volts R.M.S. | | M27500 Type: | WF | | |

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BW-15008-X** | 8 | 133 x 29 | 0.192 | 0.213 | 62.6 |
| **BW-15006-X** | 6 | 133 x 27 | 0.231 | 0.254 | 93.0 |
| **BW-15004-X** | 4 | 133 x 25 | 0.288 | 0.313 | 150 |
| **BW-15002-X** | 2 | 665 x 30 | 0.356 | 0.389 | 231 |
| **BW-15001-X** | 1 | 817 x 30 | 0.400 | 0.433 | 298 |
| **BW-15001/0-X** | 1/0 | 1045 x 30 | 0.432 | 0.475 | 357 |
| **BW-15002/0-X** | 2/0 | 1330 x 30 | 0.487 | 0.530 | 454 |
| **BW-15003/0-X** | 3/0 | 1665 x 30 | 0.542 | 0.585 | 550 |
| **BW-15004/0-X** | 4/0 | 2109 x 30 | 0.602 | 0.655 | 696 |

X = Color: See Page BCC-1