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| **SAE AS22759/188** |

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|  | * M22759/188 is a normal weight, high performance aerospace hook-up wire insulated with two layers of polytetrafluoroethylene (PTFE) tape and PTFE/polyamide/PTFE tape for 26-10 gauges, three for 8-6 gauges and four for 4-4/0 gauges. The edges of the outer insulation have been fused to create a seamless taped insulation. These wires are designed for aerospace and other applications . |
| |  |  | | --- | --- | | Conductor: | Tin Plated Copper | | Insulation: | PTFE/polyimide/PTFE tape and PTFE tape | | Temp Rating: | 150°C | | Voltage Rating: | 600 Volts R.M.S. | | M27500 Type: | DL | | |

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BSPW-24020-X** | 26 | 19 x 38 | 0.033 | 0.037 | 1.55 |
| **BSPW-24030-X** | 24 | 19 x 36 | 0.038 | 0.042 | 2.20 |
| **BSPW-24040-X** | 22 | 19 x 34 | 0.043 | 0.047 | 3.00 |
| **BSPW-24050-X** | 20 | 19 x 32 | 0.051 | 0.055 | 4.55 |
| **BSPW-24060-X** | 18 | 19 x 30 | 0.061 | 0.065 | 6.70 |
| **BSPW-24070-X** | 16 | 19 x 29 | 0.068 | 0.073 | 8.60 |
| **BSPW-24080-X** | 14 | 19 x 27 | 0.081 | 0.086 | 12.95 |
| **BSPW-24090-X** | 12 | 37 x 28 | 0.100 | 0.105 | 20.1 |
| **BSPW-24000-X** | 10 | 37 x 26 | 0.122 | 0.127 | 31.4 |
| **BSPW-24008-X** | 8 | 133 x 29 | 0.180 | 0.188 | 57.6 |
| **BSPW-24006-X** | 6 | 133 x 27 | 0.219 | 0.229 | 88.3 |
| **BSPW-24004-X** | 4 | 133 x 25 | 0.276 | 0.288 | 143 |
| **BSPW-24002-X** | 2 | 665 x 30 | 0.344 | 0.364 | 223 |
| **BSPW-24001-X** | 1 | 817 x 30 | 0.388 | 0.408 | 289 |
| **BSPW-24001/0-X** | 1/0 | 1045 x 30 | 0.420 | 0.450 | 345 |
| **BSPW-24002/0-X** | 2/0 | 1330 x 30 | 0.475 | 0.505 | 432 |
| **BSPW-24003/0-X** | 3/0 | 1665 x 30 | 0.530 | 0.560 | 542 |
| **BSPW-24004/0-X** | 4/0 | 2109 x 30 | 0.590 | 0.630 | 681 |

X = Color: See Page BCC-1

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| **SAE AS22759/189** |

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|  | * M22759/189 is a lightweight, high performance aerospace hook-up wire insulated with a layer of polytetrafluoroethylene (PTFE) tape/polyamide/PTFE tape, covered with PTFE tape that has been fused to create a seamless jacket. These wires are designed for aerospace and other applications requiring thermal stability, lightweight and high break strength. |
| |  |  | | --- | --- | | Conductor: | Silver Plated High Strength Copper Alloy | | Insulation: | PTFE/polyimide/PTFE tape and PTFE tape | | Temp Rating: | 200°C | | Voltage Rating: | 600 Volts R.M.S. | | M27500 Type: | DM | | |

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BSPW-25020-X** | 26 | 19 x 38 | 0.033 | 0.037 | 1.55 |
| **BSPW-25030-X** | 24 | 19 x 36 | 0.038 | 0.042 | 2.15 |
| **BSPW-25040-X** | 22 | 19 x 34 | 0.043 | 0.047 | 3.00 |
| **BSPW-25050-X** | 20 | 19 x 32 | 0.051 | 0.055 | 4.55 |

X = Color: See Page BCC-1