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| **SAE AS81822/13** |

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|  | * M81822/13 has solid conductors for wire-wrap termination and are insulated with extruded ethylene-tetrafluoroethylene (ETFE) for aerospace and other applications requiring lightweight, tight jacket diameter tolerances and enhanced mechanical toughness. ETFE insulation also provides exceptional resistance to radiation and chemicals. |
| |  |  | | --- | --- | | Conductor: | Type A: Soft or Annealed Copper  Type B: Soft or Annealed Oxygen-Free Copper  Type C: High Strength, High Conductivity Copper Alloy | | Insulation: | Extruded ETFE | | Temp Rating: | 150°C | | Voltage Rating: | 300 Volts R.M.S. | | |

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BW-3700A-X** | 30 | Solid | 0.0185 | 0.0205 | 0.51 |
| **BW-3710A-X** | 28 | Solid | 0.0250 | 0.0280 | 0.88 |
| **BW-3720A-X** | 26 | Solid | 0.0280 | 0.0310 | 1.22 |
| **BW-3730A-X** | 24 | Solid | 0.0325 | 0.0355 | 1.80 |
| **BW-3740A-X** | 22 | Solid | 0.0370 | 0.0410 | 2.66 |
| **BW-3750A-X** | 20 | Solid | 0.0440 | 0.0480 | 4.03 |
| **BW-3760A-X** | 18 | Solid | 0.0510 | 0.0570 | 6.13 |

X = Color: See Page BCC-1

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BW-3700B-X** | 30 | Solid | 0.0185 | 0.0205 | 0.51 |
| **BW-3710B-X** | 28 | Solid | 0.0250 | 0.0280 | 0.88 |
| **BW-3720B-X** | 26 | Solid | 0.0280 | 0.0310 | 1.22 |
| **BW-3730B-X** | 24 | Solid | 0.0325 | 0.0355 | 1.80 |
| **BW-3740B-X** | 22 | Solid | 0.0370 | 0.0410 | 2.66 |
| **BW-3750B-X** | 20 | Solid | 0.0440 | 0.0480 | 4.03 |
| **BW-3700B-X** | 18 | Solid | 0.0510 | 0.0570 | 6.13 |

X = Color: See Page BCC-1

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| **Blake Part Number** | **AWG** | **Stranding** | **Insulation Diameter**  **Min. Max.** | | **LBS/MFT** |
| **BW-3700C-X** | 30 | Solid | 0.0185 | 0.0205 | 0.51 |
| **BW-3710C-X** | 28 | Solid | 0.0250 | 0.0280 | 0.88 |
| **BW-3720C-X** | 26 | Solid | 0.0280 | 0.0310 | 1.22 |
| **BW-3730C-X** | 24 | Solid | 0.0325 | 0.0355 | 1.80 |
| **BW-3740C-X** | 22 | Solid | 0.0370 | 0.0410 | 2.66 |
| **BW-3750C-X** | 20 | Solid | 0.0440 | 0.0480 | 4.03 |
| **BW-3700C-X** | 18 | Solid | 0.0510 | 0.0570 | 6.13 |

X = Color: See Page BCC-1