

SAE AS22759/86



M22759/86 is a normal weight, high performance aerospace hook-up wires 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. These wires are designed for aerospace and other applications requiring thermal stability and high break strength.

Conductor: Silver Plated Copper
 Insulation: PTFE/polyimide/PTFE tape and PTFE tape
 Temp Rating: 200°C
 Voltage Rating: 600 Volts R.M.S.
 M27500 Type: WJ

| Blake Part Number | AWG | Stranding | Insulation Diameter | | LBS/MFT |
|-------------------|-----|-----------|---------------------|-------|---------|
| | | | Min. | Max. | |
| BW-6420-X | 26 | 19 x 38 | 0.033 | 0.037 | 1.55 |
| BW-6430-X | 24 | 19 x 36 | 0.038 | 0.042 | 2.20 |
| BW-6440-X | 22 | 19 x 34 | 0.043 | 0.047 | 3.00 |
| BW-6450-X | 20 | 19 x 32 | 0.051 | 0.055 | 4.55 |
| BW-6460-X | 18 | 19 x 30 | 0.061 | 0.065 | 6.70 |
| BW-6470-X | 16 | 19 x 29 | 0.068 | 0.073 | 8.60 |
| BW-6480-X | 14 | 19 x 27 | 0.081 | 0.086 | 13.0 |
| BW-6490-X | 12 | 37 x 28 | 0.100 | 0.105 | 20.1 |
| BW-6400-X | 10 | 37 x 26 | 0.122 | 0.127 | 31.4 |
| BW-6408-X | 8 | 133 x 29 | 0.180 | 0.188 | 57.6 |
| BW-6406-X | 6 | 133 x 27 | 0.219 | 0.229 | 88.3 |
| BW-6404-X | 4 | 133 x 25 | 0.276 | 0.288 | 143 |
| BW-6402-X | 2 | 665 x 30 | 0.344 | 0.364 | 223 |
| BW-6401-X | 1 | 817 x 30 | 0.388 | 0.408 | 289 |
| BW-6401/0-X | 1/0 | 1045 x 30 | 0.420 | 0.450 | 345 |
| BW-6402/0-X | 2/0 | 1330 x 30 | 0.475 | 0.505 | 432 |
| BW-6403/0-X | 3/0 | 1665 x 30 | 0.530 | 0.560 | 542 |
| BW-6404/0-X | 4/0 | 2109 x 30 | 0.590 | 0.630 | 681 |

X = Color: See Page BCC-1