

## SAE AS22759/87



M22759/87 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 gaugesand four for 4-4/0 gauges. These wires are designed for aerospace and other applications requiring thermal stability and high break strength.

Conductor: Nickel Plated Copper

PTFE/polyimide/PTFE tape and PTFE tape 260°C Insulation:

Temp Rating:

Voltage Rating: 600 Volts R.M.S.

M27500 Type: WK

|                   |     |           | Insulation Diameter |       |         |
|-------------------|-----|-----------|---------------------|-------|---------|
| Blake Part Number | AWG | Stranding | Min.                | Max.  | LBS/MFT |
| BW-6520-X         | 26  | 19 x 38   | 0.033               | 0.037 | 1.55    |
| BW-6530-X         | 24  | 19 x 36   | 0.038               | 0.042 | 2.20    |
| BW-6540-X         | 22  | 19 x 34   | 0.043               | 0.047 | 3.00    |
| BW-6550-X         | 20  | 19 x 32   | 0.051               | 0.055 | 4.55    |
| BW-6560-X         | 18  | 19 x 30   | 0.061               | 0.065 | 6.70    |
| BW-6570-X         | 16  | 19 x 29   | 0.068               | 0.073 | 8.60    |
| BW-6580-X         | 14  | 19 x 27   | 0.081               | 0.086 | 13.0    |
| BW-6590-X         | 12  | 37 x 28   | 0.100               | 0.105 | 20.1    |
| BW-6500-X         | 10  | 37 x 26   | 0.122               | 0.127 | 31.4    |
| BW-6508-X         | 8   | 133 x 29  | 0.180               | 0.188 | 57.6    |
| BW-6506-X         | 6   | 133 x 27  | 0.219               | 0.229 | 88.3    |
| BW-6504-X         | 4   | 133 x 25  | 0.276               | 0.288 | 143     |
| BW-6502-X         | 2   | 665 x 30  | 0.344               | 0.364 | 223     |
| BW-6501-X         | 1   | 817 x 30  | 0.388               | 0.408 | 289     |
| BW-6501/0-X       | 1/0 | 1045 x 30 | 0.420               | 0.450 | 345     |
| BW-6502/0-X       | 2/0 | 1330 x 30 | 0.475               | 0.505 | 432     |
| BW-6503/0-X       | 3/0 | 1665 x 30 | 0.530               | 0.560 | 542     |
| BW-6504/0-X       | 4/0 | 2109 x 30 | 0.590               | 0.630 | 681     |

X = Color: See Page BCC-1

www.blakewire.com Phone: 818-781-8300