



ASTRO INDUSTRIES, INC.

4403 Dayton-Xenia Road

Dayton, Ohio 45432

TEL: (800) 543-5810 or (937) 429-5900

MIL-W-16878/11

NEMA HP-4

TYPE K

CONDUCTOR:

Silver Plated Copper
(Silver Plated High-Strength Copper Alloy also available)

INSULATION:

Extruded Fluorinated Ethylene Propylene (FEP)

TEMP. RATING:

-65°C to 200° C

VOLTAGE RATING:

600 volts

| M16878/11-HP4 EXTRUDED - SPC 200° C ASTRO PART NUMBER | CONDUCTOR | | | | | DIAMETER OVER INSULATION (inch) | | WEIGHT (nom.) LBS/MFT | M16878/11 NEMA-HP4 EX |
|--|-----------|--------------|----------|----------|-----------------------|---------------------------------|-------|-----------------------|-----------------------|
| | AWG | # OF STRANDS | STRAND | | COND. DIAMETER (nom.) | MIN | MAX | | |
| | | | SIZE AWG | DIAMETER | | | | | |
| WMB-11-3201-* | 32 | 1 | 32 | 0.0080 | 0.0080 | .024" | .032" | M16878/11 BAA-* | |
| WMB-11-3207-* | 32 | 7 | 40 | 0.0031 | 0.0100 | .026" | .034" | M16878/11 BAB-* | |
| WMB-11-3001-* | 30 | 1 | 30 | 0.0100 | 0.0100 | .026" | .034" | M16878/11 BBA-* | |
| WMB-11-3007-* | 30 | 7 | 38 | 0.0040 | 0.0120 | .028" | .036" | M16878/11 BBB-* | |
| WMB-11-2801-* | 28 | 1 | 28 | 0.0126 | 0.0126 | .029" | .037" | M16878/11 BCA-* | |
| WMB-11-2807-* | 28 | 7 | 36 | 0.0050 | 0.0150 | .031" | .039" | M16878/11 BCB-* | |
| WMB-11-2601-* | 26 | 1 | 26 | 0.0159 | 0.0159 | .032" | .040" | M16878/11 BDA-* | |
| WMB-11-2607-* | 26 | 7 | 34 | 0.0063 | 0.0190 | .035" | .043" | M16878/11 BDB-* | |
| WMB-11-2619-* | 26 | 19 | 38 | 0.0040 | 0.0200 | .035" | .043" | M16878/11 BDE-* | |
| WMB-11-2401-* | 24 | 1 | 24 | 0.0201 | 0.0201 | .036" | .044" | M16878/11 BEA-* | |
| WMB-11-2407-* | 24 | 7 | 32 | 0.0080 | 0.0240 | .040" | .048" | M16878/11 BEB-* | |
| WMB-11-2419-* | 24 | 19 | 36 | 0.0050 | 0.0250 | .040" | .048" | M16878/11 BEE-* | |
| WMB-11-2201-* | 22 | 1 | 22 | 0.0253 | 0.0254 | .041" | .050" | M16878/11 BFA-* | |
| WMB-11-2207-* | 22 | 7 | 30 | 0.0100 | 0.0300 | .046" | .054" | M16878/11 BFB-* | |
| WMB-11-2219-* | 22 | 19 | 34 | 0.0063 | 0.0320 | .046" | .054" | M16878/11 BFE-* | |
| WMB-11-2001-* | 20 | 1 | 20 | 0.0320 | 0.0320 | .048" | .056" | M16878/11 BGA-* | |
| WMB-11-2007-* | 20 | 7 | 28 | 0.0126 | 0.0380 | .054" | .062" | M16878/11 BGB-* | |
| WMB-11-2019-* | 20 | 19 | 32 | 0.0080 | 0.0400 | .054" | .062" | M16878/11 BGE-* | |
| WMB-11-1801-* | 18 | 1 | 18 | 0.0403 | 0.0403 | .056" | .066" | M16878/11 BHA-* | |
| WMB-11-1807-* | 18 | 7 | 26 | 0.0159 | 0.0480 | .064" | .074" | M16878/11 BHB-* | |
| WMB-11-1819-* | 18 | 19 | 30 | 0.0100 | 0.0500 | .064" | .074" | M16878/11 BHE-* | |
| WMB-11-1601-* | 16 | 1 | 16 | 0.0508 | 0.0508 | .067" | .081" | M16878/11 BJA-* | |
| WMB-11-1619-* | 16 | 19 | 29 | 0.0113 | 0.0570 | .073" | .087" | M16878/11 BJE-* | |
| WMB-11-1401-* | 14 | 1 | 14 | 0.0641 | 0.0641 | .080" | .094" | M16878/11 BKA-* | |
| WMB-11-1419-* | 14 | 19 | 27 | 0.0142 | 0.0720 | .088" | .102" | M16878/11 BKE-* | |
| WMB-11-1219-* | 12 | 19 | 25 | 0.0179 | 0.0910 | .107" | .121" | M16878/11 BLE-* | |
| WMB-11-1037-* | 10 | 37 | 26 | 0.0159 | 0.1110 | .127" | .141" | M16878/11 BMG-* | |
| WMB-11-8133-* | 8 | 133 | 29 | 0.0113 | 0.1690 | .185" | .199" | M16878/11 BNL-* | |

*COLOR CODES: 0 = BLACK; 1 = BROWN; 2 = RED; 3 = ORANGE; 4 = YELLOW; 5 = GREEN; 6 = BLUE; 7 = VIOLET; 8 = GRAY; 9 = WHITE

*Spiral striped color coding as required.