

PTFE Insulated material MIL -Spec Hook-Up Wire

MIL-D-16878/4 Type E (M16878/4) UL Style 1213

Applications:

- M16878/4 is used in high temperature electronic applications. It has excellent thermal aging, solder damage, flame, and moisture resistance
- PTFE resists solvents, grease, ozone and other chemicals
- Low power loss - ideal for high frequency applications

Description:

- Silver Plated Copper
- Extruded PTFE Insulation

Characteristics:

- Temperature Rating: MIL-W-16878: +200°C ; UL 1213: + 105°C
- Voltage Rating: 600 Volts
- Passes UL VW-Flame Test

Specification :

| Military Number | Wire Size (AWG) | Stranding | Conductor | | Insulated Thickness | | Finished Wire Diameter | | | |
|-----------------|-----------------|-----------|-----------|-------|---------------------|------|------------------------|-------|-------|-------|
| | | | Diameter | | Nominal | | Min | | Max | |
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm |
| M16878/4BAA* | 32 | Solid | .0080 | 0.203 | .0100 | 0.25 | .0250 | 0.635 | .0330 | 0.838 |
| M16878/4BAB* | 32 | 7/0.079 | .0100 | 0.254 | .0100 | 0.25 | .0260 | 0.660 | .0340 | 0.864 |
| M16878/4BBA* | 30 | Solid | .0100 | 0.254 | .0100 | 0.25 | .0260 | 0.660 | .0340 | 0.864 |
| M16878/4BBB* | 30 | 7/38 | .0120 | 0.305 | .0100 | 0.25 | .0280 | 0.711 | .0360 | 0.914 |
| M16878/4BCA* | 28 | Solid | .0126 | 0.320 | .0100 | 0.25 | .0290 | 0.737 | .0370 | 0.940 |
| M16878/4BDA* | 26 | Solid | .0159 | 0.404 | .0100 | 0.25 | .0320 | 0.813 | .0400 | 1.016 |
| M16878/4BDB* | 26 | 19/38 | .0210 | 0.533 | .0100 | 0.25 | .0350 | 0.889 | .0430 | 1.092 |
| M16878/4BEA* | 24 | Solid | .0201 | 0.511 | .0100 | 0.25 | .0360 | 0.914 | .0440 | 1.118 |
| M16878/4BEB* | 24 | 19/36 | .0260 | 0.660 | .0100 | 0.25 | .0400 | 1.016 | .0480 | 1.219 |
| M16878/4BFA* | 22 | Solid | .0254 | 0.645 | .0100 | 0.25 | .0410 | 1.041 | .0490 | 1.245 |
| M16878/4BFB* | 22 | 7/30 | .0300 | 0.762 | .0100 | 0.25 | .0460 | 1.168 | .0540 | 1.372 |
| M16878/4BFE* | 22 | 19/34 | .0317 | 0.804 | .0100 | 0.25 | .0460 | 1.168 | .0540 | 1.372 |
| M16878/4BGA* | 20 | Solid | .0320 | 0.813 | .0100 | 0.25 | .0480 | 1.219 | .0560 | 1.422 |
| M16878/4BGE* | 20 | 19/32 | .0410 | 1.041 | .0100 | 0.25 | .0540 | 1.372 | .0620 | 1.575 |
| M16878/4BHA* | 18 | Solid | .0403 | 1.024 | .0100 | 0.25 | .0560 | 1.422 | .0660 | 1.676 |
| M16878/4BHE* | 18 | 19/30 | .0503 | 1.280 | .0100 | 0.25 | .0640 | 1.626 | .0740 | 1.880 |
| M16878/4BJE* | 16 | 19/29 | .0590 | 1.499 | .0100 | 0.25 | .0750 | 1.905 | .0830 | 2.108 |
| M16878/4BKE* | 14 | 19/27 | .0720 | 1.829 | .0100 | 0.25 | .0880 | 2.235 | .0960 | 2.438 |
| M16878/4BLE* | 12 | 19/25 | .0890 | 2.261 | .0100 | 0.25 | .1050 | 2.667 | .1190 | 2.960 |