

# PVC - MIL-DTL-16878/2, Type C

Military Hook-up Wire

-54°C to 105°C, 1000V



| IEWC Part Number | AWG | Stranding | Nominal Insulation Thickness |     | Nominal O.D. |     | Approx. Weight |       |
|------------------|-----|-----------|------------------------------|-----|--------------|-----|----------------|-------|
|                  |     |           | in                           | mm  | in           | mm  | lbs/1k ft      | kg/km |
| M16878/2-BDA     | 26  | Solid     | 0.015                        | 0.4 | 0.050        | 1.3 | 2              | 3     |
| M16878/2-BDB     |     | 7/34      | 0.017                        | 0.4 | 0.054        | 1.4 | 2              | 3     |
| M16878/2-BDE     |     | 19/38     | 0.015                        | 0.4 | 0.053        | 1.3 | 2              | 3     |
| M16878/2-BEA     | 24  | Solid     | 0.017                        | 0.4 | 0.054        | 1.4 | 3              | 4     |
| M16878/2-BEB     |     | 7/32      | 0.017                        | 0.4 | 0.058        | 1.5 | 3              | 4     |
| M16878/2-BEE     |     | 19/36     | 0.017                        | 0.4 | 0.058        | 1.5 | 3              | 4     |
| M16878/2-BFA     | 22  | Solid     | 0.017                        | 0.4 | 0.059        | 1.5 | 4              | 5     |
| M16878/2-BFB     |     | 7/30      | 0.017                        | 0.4 | 0.063        | 1.6 | 4              | 5     |
| M16878/2-BFE     |     | 19/34     | 0.017                        | 0.4 | 0.064        | 1.6 | 4              | 5     |
| M16878/2-BGA     | 20  | Solid     | 0.015                        | 0.4 | 0.066        | 1.7 | 5              | 8     |
| M16878/2-BGB     |     | 7/28      | 0.017                        | 0.4 | 0.072        | 1.8 | 5              | 8     |
| M16878/2-BGC     |     | 10/30     | 0.017                        | 0.4 | 0.072        | 1.8 | 5              | 8     |
| M16878/2-BGE     | 18  | 19/32     | 0.017                        | 0.4 | 0.072        | 1.8 | 6              | 9     |
| M16878/2-BHA     |     | Solid     | 0.015                        | 0.4 | 0.075        | 1.9 | 8              | 12    |
| M16878/2-BHB     |     | 7/26      | 0.017                        | 0.4 | 0.082        | 2.1 | 8              | 12    |
| M16878/2-BHE     | 16  | 19/30     | 0.017                        | 0.4 | 0.082        | 2.1 | 8              | 12    |
| M16878/2-BJA     |     | Solid     | 0.015                        | 0.4 | 0.085        | 2.2 | 9              | 13    |
| M16878/2-BJE     |     | 19/26     | 0.017                        | 0.4 | 0.092        | 2.3 | 10             | 15    |
| M16878/2-BJF     | 14  | 26/30     | 0.015                        | 0.4 | 0.094        | 2.4 | 11             | 16    |
| M16878/2-BKA     |     | Solid     | 0.015                        | 0.4 | 0.098        | 2.5 | 16             | 23    |
| M16878/2-BKE     |     | 19/27     | 0.017                        | 0.4 | 0.105        | 2.7 | 15             | 22    |
| M16878/2-BKH     | 12  | 41/30     | 0.015                        | 0.4 | 0.112        | 2.8 | 15             | 22    |
| M16878/2-BLE     |     | 19/25     | 0.017                        | 0.4 | 0.090        | 2.3 | 23             | 33    |
| M16878/2-BLG     |     | 37/28     | 0.015                        | 0.4 | 0.124        | 3.1 | 25             | 37    |

### Notes

- Soft-annealed, tinned copper conductor
- Polyvinyl chloride (PVC) insulation
- A variety of insulation colors available

### Alternative Constructions

- Irradiated cross-linked polyvinyl chloride (XL PVC) insulation

### Available Certifications

UL: 1007, 1430, 1569, VW-1  
CSA: TR-64, TEW

### Applications

For use in aerospace & military and electronic applications. Rated for continuous use from -54°C up to 105°C.