

CHARACTER:

1.Physical performance

- a、 Good mechanical properties
- b、 Good resistance to high temperature, low temperature resistance
- c、 Good flame retardancy
- d、 Good corrosion resistance
- e、 Good resistance to climate
- f、 Good lubricity (small friction coefficient)
- g、 Excellent resistance to radiation
- h、 Good resistance to twists
- i、 Good not sticky

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use half extrusion processing
- b、 Good wire processing performance
- c、 In the process of wire processing good compatibility
- d、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 nonhazardous

SHOULD BE USED:

For national defence application

REFERENCE:

MIL-W-16878/4C(NAVY)

Outline:

SAE COLOR SERIES

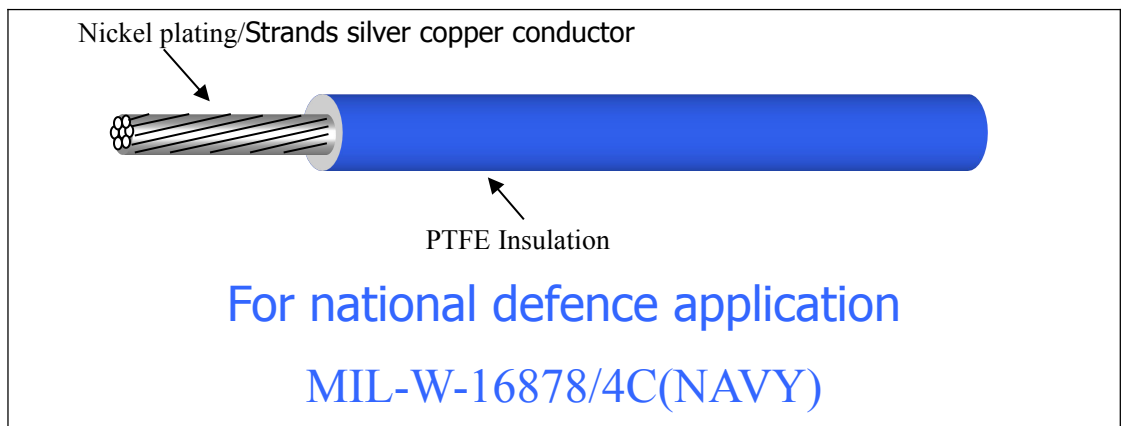
| * STOCK COLOR CHART | | | | |
|---------------------|----------|---------|-----------|------------|
| 00-BLACK | 01-WHITE | 02-RED | 03-YELLOW | 04-GREEN |
| 05-BLUE | 06-BROWN | 07-GREY | 08-ORANGE | 09- VIOLET |

PACKAGE

| *PACKAGE | | | |
|----------|------------------|----------|----------|
| Part No. | Packing- FT/roll | | |
| 10AWG | ■ 500Ft | □ 1000Ft | □ 2000Ft |
| 12~16AWG | □ 500Ft | ■ 1000Ft | □ 2000Ft |
| 18~30AWG | □ 500Ft | □ 1000Ft | ■ 2000Ft |

3F

According to customer requirements for packaging packaging



Wire structure description:

Conductor: Nickel plating/Silver copper;
Jacket insulation materials:PTFE Insulation;

For national defence application
Rated temperature: 200°C Rated voltage:600V

| PIN. | AWG | Conductor size (No./ mm) ±0.005 | Conductor | | Conductor Dia.(mm) | Insulation thickness (mm) Nom. | Overall diameter(mm) | |
|--------------|-----|---------------------------------|-----------|---------|--------------------|--------------------------------|----------------------|-------|
| | | | Material | Coating | | | Min | Max |
| M16878/4BAA* | 32 | 1/0.203 | Copper | Silver | 0.203 | 0.25 | 0.635 | 0.838 |
| M16878/4DAA* | 32 | 1/0.203 | H.S.C.A | Silver | 0.203 | 0.25 | 0.635 | 0.838 |
| M16878/4CAA* | 32 | 1/0.203 | C.C.steel | Silver | 0.203 | 0.25 | 0.635 | 0.838 |
| M16878/4BAB* | 32 | 7/0.079 | Copper | Silver | 0.254 | 0.25 | 0.660 | 0.864 |
| M16878/4DAB* | 32 | 7/0.079 | H.S.C.A | Silver | 0.254 | 0.25 | 0.660 | 0.864 |
| M16878/4BBA* | 30 | 1/0.254 | Copper | Silver | 0.254 | 0.25 | 0.660 | 0.864 |
| M16878/4DBA* | 30 | 1/0.254 | H.S.C.A | Silver | 0.254 | 0.25 | 0.660 | 0.864 |
| M16878/4CBA* | 30 | 1/0.254 | C.C.steel | Silver | 0.254 | 0.25 | 0.660 | 0.864 |
| M16878/4BBB* | 30 | 7/0.102 | Copper | Silver | 0.305 | 0.25 | 0.711 | 0.914 |
| M16878/4DBB* | 30 | 7/0.102 | H.S.C.A | Silver | 0.305 | 0.25 | 0.711 | 0.914 |
| M16878/4BCA* | 28 | 1/0.320 | Copper | Silver | 0.320 | 0.25 | 0.737 | 0.940 |
| M16878/4DCA* | 28 | 1/0.320 | H.S.C.A | Silver | 0.320 | 0.25 | 0.737 | 0.940 |
| M16878/4CCA* | 28 | 1/0.320 | C.C.steel | Silver | 0.320 | 0.25 | 0.737 | 0.940 |
| M16878/4CCB* | 28 | 7/0.127 | Copper | Silver | 0.380 | 0.25 | 0.797 | 1.000 |
| M16878/4BDA* | 26 | 1/0.404 | Copper | Silver | 0.404 | 0.25 | 0.813 | 1.016 |
| M16878/4DDA* | 26 | 1/0.404 | H.S.C.A | Silver | 0.404 | 0.25 | 0.813 | 1.016 |
| M16878/4CDA* | 26 | 1/0.404 | C.C.Steel | Silver | 0.404 | 0.25 | 0.813 | 1.016 |
| M16878/4BDB* | 26 | 7/0.160 | Copper | Silver | 0.483 | 0.25 | 0.889 | 1.092 |
| M16878/4DDB* | 26 | 7/0.160 | H.S.C.A | Silver | 0.483 | 0.25 | 0.889 | 1.092 |
| M16878/4BDE* | 26 | 19/0.102 | Copper | Silver | 0.483 | 0.25 | 0.889 | 1.092 |
| M16878/4BEA* | 24 | 1/0.511 | Copper | Silver | 0.511 | 0.25 | 0.914 | 1.118 |
| M16878/4DEA* | 24 | 1/0.511 | H.S.C.A | Silver | 0.511 | 0.25 | 0.914 | 1.118 |
| M16878/4CEA* | 24 | 1/0.511 | C.C.Steel | Silver | 0.511 | 0.25 | 0.914 | 1.118 |
| M16878/4BEB* | 24 | 7/0.203 | Copper | Silver | 0.610 | 0.25 | 1.016 | 1.219 |
| M16878/4DEB* | 24 | 7/0.203 | H.S.C.A | Silver | 0.610 | 0.25 | 1.016 | 1.219 |
| M16878/4BEE* | 24 | 19/0.127 | Copper | Silver | 0.610 | 0.25 | 1.016 | 1.219 |
| M16878/4BFA* | 22 | 1/0.643 | Copper | Silver | 0.645 | 0.25 | 1.041 | 1.245 |
| M16878/4DFA* | 22 | 1/0.643 | H.S.C.A | Silver | 0.645 | 0.25 | 1.041 | 1.245 |
| M16878/4CFA* | 22 | 1/0.643 | C.C.Steel | Silver | 0.645 | 0.25 | 1.041 | 1.245 |
| M16878/4BFB* | 22 | 7/0.254 | Copper | Silver | 0.762 | 0.25 | 1.168 | 1.372 |
| M16878/4BFE* | 22 | 19/0.16 | Copper | Silver | 0.804 | 0.25 | 1.168 | 1.372 |
| M16878/4DFB* | 22 | 7/0.254 | H.S.C.A | Silver | 0.762 | 0.25 | 1.168 | 1.372 |
| M16878/4BGA* | 20 | 1/0.813 | Copper | Silver | 0.813 | 0.25 | 1.219 | 1.422 |
| M16878/4DGA* | 20 | 1/0.813 | H.S.C.A | Silver | 0.813 | 0.25 | 1.219 | 1.422 |
| M16878/4BGB* | 20 | 7/0.320 | Copper | Silver | 0.965 | 0.25 | 1.372 | 1.575 |
| M16878/4DGB* | 20 | 7/0.320 | H.S.C.A | Silver | 0.965 | 0.25 | 1.372 | 1.575 |
| M16878/4BGE* | 20 | 19/0.203 | Copper | Silver | 1.022 | 0.25 | 1.372 | 1.575 |
| M16878/4BHA* | 18 | 1/1.020 | Copper | Silver | 1.024 | 0.25 | 1.422 | 1.676 |
| M16878/4BHB* | 18 | 7/0.404 | Copper | Silver | 1.219 | 0.25 | 1.626 | 1.880 |
| M16878/4BHE* | 18 | 19/0.254 | Copper | Silver | 1.270 | 0.25 | 1.626 | 1.880 |
| M16878/4BJA* | 16 | 1/1.290 | Copper | Silver | 1.290 | 0.25 | 1.702 | 2.057 |
| M16878/4BJE* | 16 | 19/0.287 | Copper | Silver | 1.440 | 0.25 | 1.850 | 2.100 |
| M16878/4BKE* | 14 | 19/0.361 | Copper | Silver | 1.829 | 0.25 | 2.241 | 2.600 |
| M16878/4BLG* | 12 | 37/0.320 | Copper | Silver | 2.261 | 0.25 | 2.667 | 3.023 |

Marking: no marking