

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
According to customer requirements for packaging packaging			

Strands silver copper conductor

PTFE Insulation

For national defence application

MIL-W-16878/4C(NAVY)

Wire structure description:
Conductor: Silver copper;
Jacket insulation materials:PTFE Insulation;

For national defence application
Rated temperature: 200℃ 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
M16878/4BEA*	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
M16878/4BFA*	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
M16878/4BHA*	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	19/0.251	Copper	Silver	1.219	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