

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

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

3.Processing properties

- a、 Using the hot extrusion processing
- b、 Can be twisted pair and multi-core
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 esigned according to M16878/17 standard

4.Environmental protection

- a、 ROHS/REACH compliant

SHOULD BE USED:

For national defence application

REFERENCE:

MIL-DTL-16878/17B

Outline:

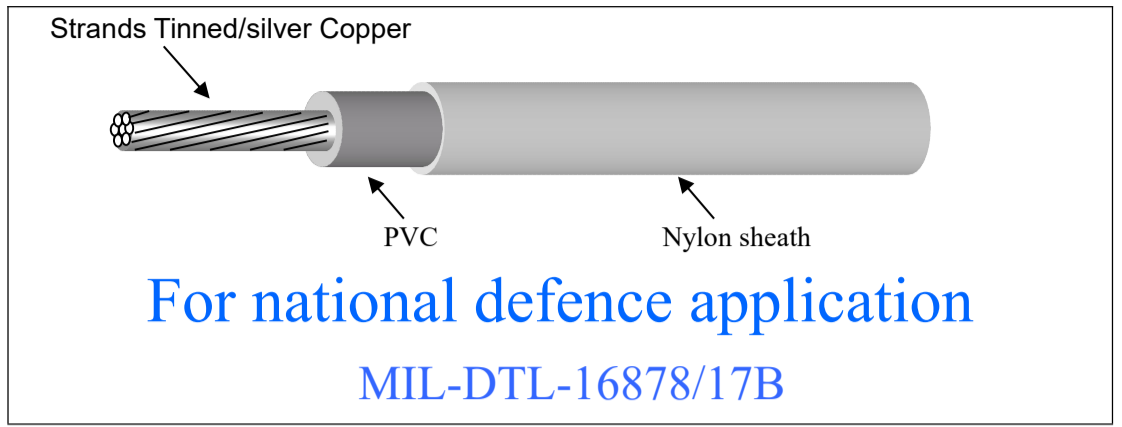
SAE COLOR SERIES

* 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		
14-16AWG	<input type="checkbox"/> 100Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
18~32AWG	<input type="checkbox"/> 100Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft

According to customer requirements for packaging packaging



Wire structure description:

Conductor: Tinned /silver Copper
 Insulation material: PVC insulation
 Sheath material: nylon sheath

For national defence application

Rated temperature: 105°C Rated voltage: 600V

PIN.	AWG	Conductor size (No./ mm) ±0.005	Conductor		Conductor Dia.(mm)	Insulation thickness (mm)	Jacket thickness (mm)	Overall diameter (mm)	
			Material	Coating				Min	Max
M16878/17	32	1/0.20	Copper	Tin	0.20	0.25	0.10	0.71	0.97
M16878/17	32	1/0.20	H.S.C.A	silver	0.20	0.25	0.10	0.71	0.97
M16878/17	32	1/0.20	C.C.steel	Tin	0.20	0.25	0.10	0.71	0.97
M16878/17	32	7/0.08	Copper	Tin	0.25	0.25	0.10	0.76	1.02
M16878/17	32	7/0.08	H.S.C.A	silver	0.25	0.25	0.10	0.76	1.02
M16878/17	30	1/0.254	Copper	Tin	0.25	0.25	0.10	0.76	1.02
M16878/17	30	1/0.254	H.S.C.A	silver	0.25	0.25	0.10	0.76	1.02
M16878/17	30	1/0.254	C.C.steel	Tin	0.25	0.25	0.10	0.76	1.02
M16878/17	30	7/0.10	Copper	Tin	0.25	0.25	0.10	0.81	1.07
M16878/17	30	7/0.10	H.S.C.A	silver	0.25	0.25	0.10	0.81	1.07
M16878/17	28	1/0.32	Copper	Tin	0.32	0.25	0.10	0.84	1.09
M16878/17	28	1/0.32	H.S.C.A	silver	0.32	0.25	0.10	0.84	1.09
M16878/17	28	1/0.32	C.C.steel	Tin	0.32	0.25	0.10	0.84	1.09
M16878/17	28	7/0.127	Copper	Tin	0.38	0.25	0.10	0.89	1.14
M16878/17	28	7/0.127	H.S.C.A	silver	0.38	0.25	0.10	0.89	1.14
M16878/17	26	1/0.404	Copper	Tin	0.40	0.25	0.10	0.91	1.17
M16878/17	26	1/0.404	H.S.C.A	silver	0.40	0.25	0.10	0.91	1.17
M16878/17	26	1/0.404	C.C.steel	Tin	0.40	0.25	0.10	0.91	1.17
M16878/17	26	7/0.16	Copper	Tin	0.48	0.25	0.10	0.99	1.25
M16878/17	26	7/0.16	H.S.C.A	silver	0.48	0.25	0.10	0.99	1.25
M16878/17	26	19/0.10	Copper	Tin	0.53	0.25	0.10	0.99	1.25
M16878/17	26	19/0.10	H.S.C.A	silver	0.53	0.25	0.10	0.99	1.25
M16878/17	24	1/0.51	Copper	Tin	0.51	0.25	0.10	1.02	1.30
M16878/17	24	1/0.51	H.S.C.A	silver	0.51	0.25	0.10	1.02	1.30
M16878/17	24	1/0.51	C.C.steel	Tin	0.51	0.25	0.10	1.02	1.30
M16878/17	24	7/0.20	Copper	Tin	0.61	0.25	0.10	1.12	1.40
M16878/17	24	7/0.20	H.S.C.A	silver	0.61	0.25	0.10	1.12	1.40
M16878/17	24	19/0.127	Copper	Tin	0.66	0.25	0.10	1.12	1.40
M16878/17	24	19/0.127	H.S.C.A	silver	0.66	0.25	0.10	1.12	1.40
M16878/17	22	1/0.643	Copper	Tin	0.64	0.25	0.10	1.14	1.42
M16878/17	22	1/0.643	H.S.C.A	silver	0.64	0.25	0.10	1.14	1.42
M16878/17	22	1/0.643	C.C.steel	Tin	0.64	0.25	0.10	1.14	1.42
M16878/17	22	7/0.254	Copper	Tin	0.76	0.25	0.10	1.27	1.55
M16878/17	22	7/0.254	H.S.C.A	silver	0.76	0.25	0.10	1.27	1.55
M16878/17	22	19/0.16	Copper	Tin	0.81	0.25	0.10	1.27	1.55
M16878/17	22	19/0.16	H.S.C.A	silver	0.81	0.25	0.10	1.27	1.55
M16878/17	20	1/0.813	Copper	Tin	0.81	0.25	0.10	1.32	1.60
M16878/17	20	1/0.813	H.S.C.A	silver	0.81	0.25	0.10	1.32	1.60
M16878/17	20	7/0.32	Copper	Tin	0.96	0.25	0.10	1.47	1.75
M16878/17	20	7/0.32	H.S.C.A	silver	0.96	0.25	0.10	1.47	1.75
M16878/17	20	10/0.254	Copper	Tin	0.96	0.25	0.10	1.47	1.75
M16878/17	20	10/0.254	H.S.C.A	silver	0.96	0.25	0.10	1.47	1.75
M16878/17	20	19/0.20	Copper	Tin	1.04	0.25	0.10	1.47	1.75
M16878/17	18	1/1.02	Copper	Tin	1.02	0.25	0.10	1.52	1.83
M16878/17	18	7/0.404	Copper	Tin	1.25	0.25	0.10	1.75	2.03
M16878/17	18	19/0.254	Copper	Tin	1.30	0.25	0.10	1.75	2.03
M16878/17	16	1/1.30	Copper	Tin	1.30	0.25	0.10	1.83	2.13
M16878/17	16	19/0.287	Copper	Tin	1.50	0.25	0.10	2.03	2.34
M16878/17	16	26/0.254	Copper	Tin	1.58	0.25	0.10	2.11	2.41
M16878/17	14	1/1.63	Copper	Tin	1.63	0.25	0.10	2.16	2.46
M16878/17	14	19/0.361	Copper	Tin	1.83	0.25	0.10	2.36	2.67

Note: H.S.C.A. means high strength alloy copper
 C.C. means plated copper

Marking: NO MARKING