

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-16878/6

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			3F
20~32AWG	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging				

Strands silver/nickel copper conductor



PTFE Insulation

For national defence application

MIL-W-16878/6

Wire structure description:

Conductor: Silver/nickel copper;

Jacket insulation materials:PTFE Insulation;

For national defence application

Rated temperature: -55~200℃ Rated voltage:250V

PIN.	AWG	Conductor size (No./ mm) ±0.005	Conductor Dia.(mm)	Insulation thickness (mm) Nom.	Overall diameter (mm)	
					Nom	min
M16878/6	32	7/40	0.241	0.15	0.541	0.50
M16878/6	30	Solid	0.254	0.15	0.554	0.50
M16878/6	30	7/38	0.312	0.15	0.612	0.55
M16878/6	28	Solid	0.320	0.15	0.620	0.58
M16878/6	28	7/36	0.388	0.15	0.688	0.62
M16878/6	26	Solid	0.404	0.15	0.704	0.65
M16878/6	26	19/38	0.514	0.15	0.814	0.78
M16878/6	26	7/34	0.490	0.15	0.790	0.75
M16878/6	24	7/32	0.620	0.15	0.920	0.85
M16878/6	24	19/36	0.640	0.15	0.940	0.85
M16878/6	22	7/30	0.776	0.15	1.076	0.95
M16878/6	22	19/34	0.800	0.15	1.076	0.95
M16878/6	20	7/28	0.980	0.15	1.27	1.20
M16878/6	20	19/32	1.000	0.15	1.27	1.20

Marking: no marking