

CHARACTER:

- 1.Physical performance
- a、Excellent mechanical properties

b、Excellent thermal stability

c、Low temperature soft good performance

d、Good flame retardancy

e、Of high resistance to chemicals

f、Chemistry stability is good
- b、Good resistance to high temperature of the engine fluid
- j、Excellent resistance to impact ability
- 2.Electrical Properties
- a、Electrical insulation good

b、Good the dielectric properties
- 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
- 4.Environmental protection
- a、ROHS/REACH compliant

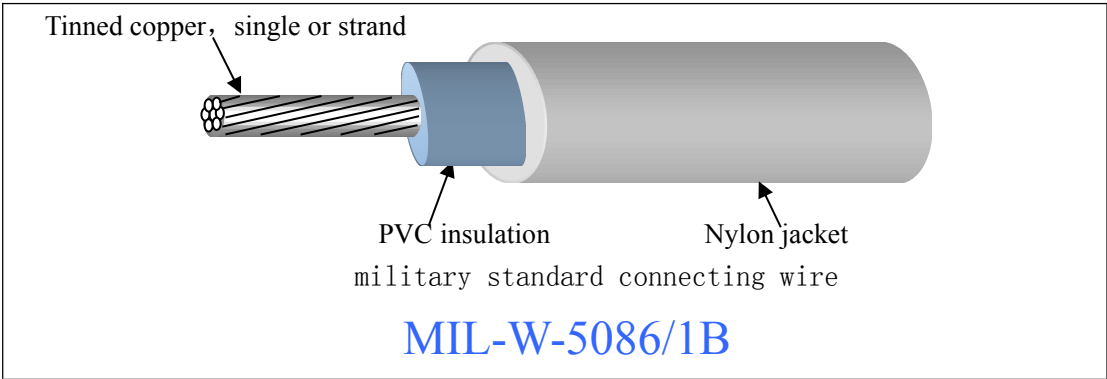
SHOULD BE USED:

military standard connecting wire

REFERENCE:

MIL-W-5086/1B

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: PVC
Jacket: Nylon

military standard connecting wire							
Rated Temperature : 105℃ Rated voltage: 60V							
PIN.	AWG	Conduct or size (No./mm) ±0.005	Conductor Dia.(mm)	PVC Insulation thickness (mm) Nom	Nylon Insulation thickness (mm) Nom	Over diameter (mm)	
				NOM	NOM	NOM	Tole
M5086/1B	22	19/0.15	0.76	0.34	0.15	1.73	±0.1
M5086/1B	20	19/0.19	0.96	0.36	0.15	1.98	±0.1
M5086/1B	18	19/0.251	1.26	0.34	0.15	2.24	±0.1
M5086/1B	16	19/0.287	1.45	0.37	0.15	2.49	±0.1
M5086/1B	14	19/0.361	1.82	0.43	0.15	2.97	±0.13
M5086/1B	12	37/0.33	2.32	0.43	0.15	3.48	±0.13
M5086/1B	10	37/0.42	2.89	0.43	0.15	4.04	±0.13

Marking: NO MARKING

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			
10~22AWG	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging				