

CHARACTER:

1.Physical performance

- a、Excellent mechanical properties
- b、Excellent heat stability
- c、Good resistance to high/low temperature performance
- d、Good flame retardancy
- e、High resistance to chemical corrosion
- f、Good Wear Resistance
- b、Outstanding thermal shock ability

2.Electrical Properties

- a、Electrical insulation good
- b、Good the dielectric properties

3.Processing properties

- a、thin-wall
- b、Can be twisted pair and multi-core
- c、Light weight

4.Environmental protection

- a、ROHS/REACH compliant

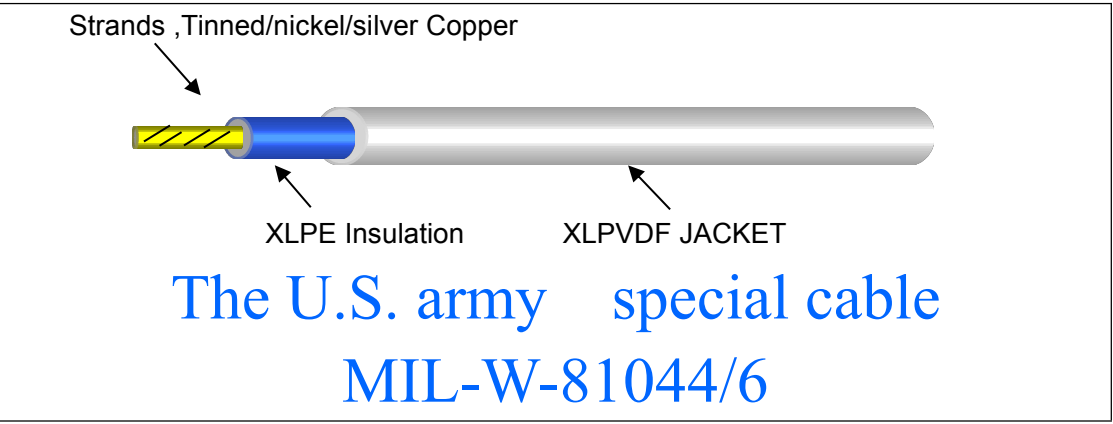
SHOULD BE USED:

American standard special MIL - W - 81044 cable is widely used in aviation, spaceflight, ships, military vehicles, missiles and other electronic products, and other industrial fields.

REFERENCE:

MIL-W-81044/6

Outline:



Wire structure description:
Conductor: Tinned/nickel/silver Copper ;
Insulation materials: XLPE insulation
Jacket materials:XLPVDF

The U.S. Army special cable							
Rated temperature: 150℃ Rated voltage:600V							
STYLE	AWG	Conductor size (No./ mm) ± 0.005	Conductor Dia.(mm)	thickness (mm) Nom.		Overall diameter (mm)	
				Insulation	jacket	nom.	tole.
M810446/6-24	24	19/0.127	0.64	0.27	0.10	1.38	±0.10
M810446/6-22	22	19/0.16	0.81	0.35	0.10	1.70	±0.10
M810446/6-20	20	19/0.203	1.02	0.35	0.10	1.92	±0.10
M810446/6-18	18	19/0.254	1.28	0.35	0.10	2.20	±0.10
M810446/6-16	16	19/0.287	1.45	0.38	0.10	2.40	±0.10
M810446/6-14	14	19/0.361	1.82	0.45	0.10	2.92	±0.15
M810446/6-12	12	37/0.32	2.25	0.45	0.15	3.45	±0.15
M810446/6-10	10	37/0.404	2.84	0.50	0.15	3.14	±0.15
M810446/6-8	8	133/0.287	3.82	0.70	0.15	5.52	±0.15
M810446/6-6	6	133/0.361	4.80	0.80	0.20	6.80	±0.20
M810446/6-4	4	133/0.455	6.06	0.90	0.20	8.26	±0.20
M810446/6-2	2	665/0.254	7.86	1.20	0.25	10.76	±0.20
M810446/6-1	1	817/0.254	8.71	1.20	0.25	11.60	±0.20
M810446/6-1/0	1/0	1045/0.254	10.67	1.20	0.25	13.50	±0.20

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			
1/0-4AWG	☒ 500Ft	☐ 1000Ft	☐ 2000Ft	
6-14AWG	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
16~24AWG	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging				