

M16878 (NEMA HP , MIL-W-16878) 軍規電線電纜

能夠在-65° C 至 260° C (-85° F 至 500° F) 的極端溫度下工作，M16878 電線可以滿足您在幾乎任何環境下的所有需求，額定電壓範圍為 250 至 5000 伏特 (Vrms)。

這種非屏蔽絕緣電線有各種尺寸和材料，並提供可選用的編織層和絕緣。M16878 電線絕緣易於從導體剝離，留下一個乾淨的接觸表面易於焊接或壓接。

佳昭公司在本規範下可提供耐磨、耐化學性、耐候和低煙線產品。

本規範下的導體類型包括：

- 鍍銀、鍍鎳或鍍錫軟銅線
- 鍍銀或鍍鎳高強度銅合金線
- 銅包鋼線

本規範下的“絕緣”類型包括：

- 乙烯 - 丙烯二烯彈性體 (EPDM)
- 氟化乙烯丙烯 (FEP)
- 交聯聚烯烴 cross-linked polyolefin (XLPO)
- 聚酰胺 polyamide
- 聚乙烯 polyethylene (PE)
- 聚氯乙烯 (PVC)
- 聚四氟乙烯 (PTFE)
- 矽橡膠 silicone rubber

M16878 導線可提供 32 至 0000 AWG 的導體粗細大小，可採單芯或多股絞線組成。

注意：M16878 也稱為 NEMA HP3 和 MIL-DTL-16878，取代 MIL-W-16878。

M16878 產品規格

軍規型號	形式	電壓 (V)	溫度	絕緣	AWG
M16878 / 1	B	600	105°C	PVC	32-14
M16878 / 2	C	1000	105°C	PVC	26-12
M16878 / 3	D	3000	105°C	PVC	24-0
M16878 / 4	E	600	200°C	PTFE	32-10
M16878 / 5	EE	1000	200°C	PTFE	32-6
M16878 / 6	ET	250	200°C	PTFE	32-20



M16878 / 7	F	600	200°C	Silicon	24-10
M16878 / 8	FF	1000	200°C	Silicon	24-4/0
M16878 / 9	FFW 已取消				
M16878 / 10	J	600	75°C	PE	24-4/0
M16878 / 11	K.	600	200°C	FEP	32-8
M16878 / 12	KK	1000	200°C	FEP	32-4/0
M16878 / 13	KT	250	200°C	FEP	32-20
M16878 / 14	--	600	125°C	XLPE	32-14
M16878 / 15	--	1000	125°C	XLPE	26-12
M16878 / 16	--	3000	125°C	XLPE	26-4/0
M16878 / 17	BN	600	105°C	PVC / Polyamide	32-14
M16878 / 18	CN	1000	105°C	PVC / Polyamide	26-12
M16878 / 19	DN	3000	105°C	PVC / Polyamide	24-0
M16878 / 20	ET	250	200°C	PTFE Wrapped	32-20
M16878 / 21	E	600	200°C	PTFE Wrapped	32-10
M16878 / 22	EE	1000	200°C	PTFE Wrapped	32-6
M16878 / 23	ET NPC	250	260°C	PTFE	32-20
M16878 / 24	ET NPC	250	260°C	PTFE Wrapped	32-20
M16878 / 25	E NPC	600	260°C	PTFE	32-10
M16878 / 26	E NPC	600	260°C	PTFE Wrapped	32-10
M16878 / 27	EE NPC	1000	260°C	PTFE	32-6
M16878 / 28	EE NPC	1000	260°C	PTFE Wrapped	32-6
M16878 / 29	F	600	150°C	Silicon	24-10
M16878 / 30	FF	1000	150°C	Silicon	24-4/0
M16878 / 31	FF	1000	150°C	Silicon / Glass Brd	24-4/0
M16878 / 32	FF	1000	200°C	Silicon / Glass Brd	24-4/0
M16878 / 33	JN	600	75°C	PE / Polyamide	24-4/0
M16878 / 34	EE	1000	200°C	PTFE DBL Wrapped	32-8
M16878 / 35	EE NPC	1000	260°C	PTFE DBL Wrapped	32-8



M16878 / 36	--	600	105°C	Low Smoke XLPO	
M16878 / 37	--	600	125°C	EPDM	
M16878 / 38	--	5000	125°C	EPDM	

MIL-W-16878 軍規表示方式

M16878 / 15 — B — D — B — 0

(1) (2) (3) (4) (5)

- (1) 15：代碼為 15 的規範。(選擇絕緣層的材質與耐溫、耐電壓等級)
 (2) B：導體材料 B 表示有鍍層的銅導體。(選擇導體的材質結構)
 (3) D：AWG 大小 D 表示 26AWG。(選擇導體的大小，與承受電流有關)
 (4) B：股數 B 表示 7 股銅線導體。(選擇股數多寡來組成所需之導體)
 (5) 0：色碼表示黑色外皮。(選擇絕緣外皮的顏色)

(1) 規範 / 分類		(2) 導體材料	(3) 線 徑 AWG		(4) 股數		(5) 色碼	
1=B	18=CN	A=Bare Copper	A	32	A	Solid	0	BLK
2=C	19=DN		B	30	B	7	1	BRN
3=D	20=ET W	B=Coated Copper	C	28	C	10	2	RED
4=E	21=E W		D	26	D	16	3	ORG
5=EE	22=EE W	C=Coated Copper	E	24	E	19	4	YET
6=ET	23=ET NPC	Covered Stl.	F	22	F	26	5	GRN
7=F	24=ET W NPC	D=Coated High Strength Copper	G	20	G	37	6	BLU
8=FF	25=E NPC		H	18	H	41	7	VLT
10=J	26=E W NPC	Alloy	J	16	J	65	8	GRY
11=K	27=EE NPC		K	14	K	105	9	WHT



12=KK	28=EE W NPC	L	12	L	133	90 W/B 92 W/R 902 W/B/R
13=KT	29=F TC	M	10	M	259	
14=XLPE	30=FF TC	N	8	N	427	
15=XLPE	31=FF TCGB	P	6	P	665	
16=XLPE	32=FF SCGB	R	4	R	817	
17=BN	33=JN	S	2	S	1045	
	34=EE	T	1	T	1330	
	35=EE NPC	U	0	V	1672	
		W	00	W	2019	
		Y	000			
		Z	0000			

*需更詳盡規格或詢價請洽佳昭公司



佳昭企業有限公司
NEARSON ENTERPRISE CORP.

MIL-W-16878/1

Type B
PVC
Stranded Conductor



APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.

SPECIFICATIONS:

1. CONDUCTOR: Stranded tinned copper.
2. INSULATION: Polyvinyl chloride (PVC)
3. TEMPERATURE: -55°C to +105°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor		Insulation Thickness	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand	IN	IN	
M16878/1-BAB-*	32	7 x 40	.010	.028	.6
M16878/1-BBB-*	30	7 x 38	.010	.032	.8
M16878/1-BCB-*	28	7 x 36	.010	.034	1.00
M16878/1-BDB-*	26	7 x 34	.010	.038	1.42
M16878/1-BEB-*	24	7 x 32	.010	.043	2.05
M16878/1-BEE-*	24	19 x 36	.010	.043	2.22
M16878/1-BFB-*	22	7 x 30	.010	.050	2.97
M16878/1-BFE-*	22	19 x 34	.010	.050	3.22
M16878/1-BGB-*	20	7 x 28	.010	.058	4.41
M16878/1-BGE-*	20	19 x 32	.010	.058	4.75
M16878/1-BHB-*	18	7 x 26	.010	.068	6.63
M16878/1-BHE-*	18	19 x 30	.010	.068	7.00
M16878/1-BJE-*	16	19 x 29	.010	.077	8.80
M16878/1-BKE-*	14	19 x 27	.010	.091	13.78

NOTE: Nylon jacket available.

*Requires a color code designation.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.



MIL-W-16878/2

Type C
PVC
Stranded Conductor

APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.



SPECIFICATIONS:

1. CONDUCTOR: Stranded tinned copper.
2. INSULATION: Polyvinyl chloride (PVC)
3. TEMPERATURE: -55°C to +105°C
4. VOLTAGE: 1000 Volts.

NEC Number	Conductor		Insulation Thickness	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand	IN	IN	
M16878/2-BEB-*	24	7 x 32	.015	.058	2.59
M16878/2-BFB-*	22	7 x 30	.015	.064	3.64
M16878/2-BGB-*	20	7 x 28	.015	.072	5.20
M16878/2-BHB-*	18	7 x 26	.015	.082	7.83
M16878/2-BJE-*	16	19 x 29	.015	.091	10.36
M16878/2-BKE-*	14	19 x 27	.015	.105	15.07
M16878/2-BLE-*	12	19 x 25	.015	.124	23.56

For internal wiring of meters, panels, and electronic equipment.

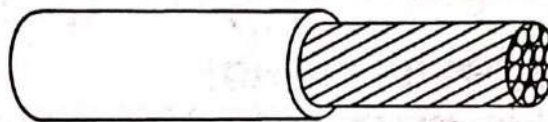


MIL-W-6878/3

**Type D
PVC
Stranded Conductor**

APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.



SPECIFICATIONS:

1. CONDUCTOR: Stranded tinned copper.
2. INSULATION: Polyvinyl chloride (PVC)
3. TEMPERATURE: -55°C to +105°C
4. VOLTAGE: 3000 Volts.

NEC Number	Conductor		Insulation Thickness	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand	IN	IN	
M16878/3-BFB-*	22	7 x 30	.029	.088	5.52
M16878/3-BGB-*	20	7 x 28	.029	.096	7.31
M16878/3-BHB-*	18	7 x 26	.029	.196	9.76
M16878/3-BJE-*	16	19x 29	.029	.115	12.46
M16878/3-BKE-*	14	19 x 27	.029	.129	17.73
M16878/3-BLE-*	12	19 x 25	.034	.158	27.98
M16878/3-BMG-*	10	37 x 26	.037	.185	39.21
M16878/3-BNL-*	8	133 x 29	.040	.247	70.58
M16878/3-BPL-*	6	133 x 27	.040	.290	107.16

NOTE: Nylon jacket available.

*Requires a color code designation.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.



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MIL-W-16878/4

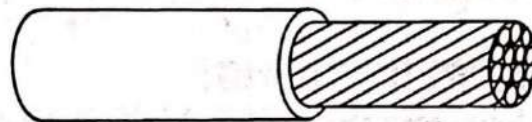
Type E

TFE

Stranded or Solid Conductor

APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.



SPECIFICATIONS:

1. CONDUCTOR: Silver plated copper.
2. INSULATION: Extruded TFE (Teflon)
3. TEMPERATURE: -60°C to +200°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor		Insulation Thickness	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand	IN	IN	
M16878/4-BAB-*	32	7 x 40	.010	.029	.70
M16878/4-BBB-*	30	7 x 38	.010	.032	.93
M16878/4-BCB-*	28	7 x 36	.010	.036	1.22
M16878/4-BDA-*	26	SOLID	.010	.036	1.55
M16878/4-BDB-*	26	7 x 34	.010	.040	1.66
M16878/4-BDE-*	26	19 x 38	.010	.041	1.70
M16878/4-BEA-*	24	SOLID	.010	.040	2.12
M16878/4-BEB-*	24	7 x 32	.010	.044	2.35
M16878/4-BEE-*	24	19 x 36	.010	.045	2.39
M16878/4-BFA-*	22	SOLID	.010	.045	2.92
M16878/4-BFB-*	22	7 x 30	.010	.050	3.33
M16878/4-BFE-*	22	19 x 34	.010	.050	3.42
M16878/4-BGA-*	20	SOLID	.010	.052	4.18
M16878/4-BGB-*	20	7 x 28	.010	.058	4.97
M16878/4-BGE-*	20	19 x 32	.010	.059	5.08
M16878/4-BHE-*	18	19 x 30	.010	.069	7.74
M16878/4-BJE-*	16	19 x 29	.010	.077	10.10
M16878/4-BKE-*	14	19 x 27	.012	.094	15.50
M16878/4-BLE-*	12	19 x 25	.012	.113	23.70
M16878/4-BMG-*	10	37 x 26	.012	.134	33.50

NOTE: Stranded construction approved to UL 1213. (Specify when ordering.)

*Requires a color code designation.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.



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MIL-W-16878/5

Type EE (Heavy Wall)
TFE

Stranded Conductor

APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.



SPECIFICATIONS:

1. CONDUCTOR: Stranded silver-plated copper.
2. INSULATION: Extruded TFE (Teflon)
3. TEMPERATURE: -60°C to +200°C
4. VOLTAGE: 1000 Volts.

NEC Number	Conductor		Insulation Thickness IN	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand			
M16878/5-BEE-*	24	19 x 36	.014	.055	3.18
M16878/5-BFE-*	22	19 x 34	.014	.062	4.32
M16878/5-BGE-*	20	19 x 32	.014	.070	6.10
M16878/5-BHE-*	18	19 x 30	.014	.080	8.67
M16878/5-BJE-*	16	19 x 29	.014	.089	11.10
M16878/5-BKE-*	14	19 x 27	.017	.106	16.40
M16878/5-BLE-*	12	19 x 25	.017	.124	24.80
M16878/5-BMG-*	10	37 x 26	.017	.145	36.80
M16878/5-BNL-*	8	133 x 29	.020	.210	68.90

NOTE: Nylon jacket available. (Specify when ordering.)

*Requires a color code designation.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.



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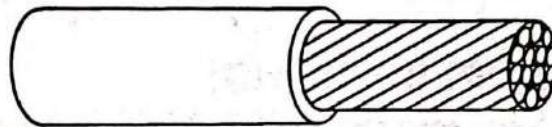
MIL-W-16878/6

Type ET
TFE

Stranded or Solid Conductor

APPLICATIONS:

For internal wiring of computers, electric book-keeping accounting machines, and other office and control equipment.



SPECIFICATIONS:

1. CONDUCTOR: Stranded or Solid Silver plated copper.
2. INSULATION: Extruded color coded TFE (Teflon).
3. TEMPERATURE: -60 °C to +200°C
4. VOLTAGE: 250 Volts

NEC Number	Conductor		Insulation Thickness	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand	IN	IN	
M16878/6-BAB-*	32	7 x 40	.006	.021	.48
M16878/6-BBA-*	30	SOLID	.006	.022	.59
M16878/6-BBB-*	30	7 x 38	.006	.024	.66
M16878/6-BCA-*	28	SOLID	.006	.025	.80
M16878/6-BCB-*	28	7 x 36	.006	.027	.91
M16878/6-BCE-*	28	19 x 40	.006	.027	.98
M16878/6-BDA-*	26	SOLID	.006	.028	1.16
M16878/6-BDB-*	26	7 x 34	.006	.031	1.30
M16878/6-BDE-*	26	19 x 38	.006	.032	1.40
M16878/6-BEA-*	24	SOLID	.006	.032	1.80
M16878/6-BEB-*	24	7 x 32	.006	.036	1.90
M16878/6-BEE-*	24	19 x 36	.006	.037	2.02
M16878/6-BFB-*	22	7 x 30	.006	.042	2.80
M16878/6-BFE-*	22	19 x 34	.006	.044	2.98
M16878/6-BGB-*	20	7 x 28	.006	.048	4.24
M16878/6-BGE-*	20	19 x 32	.006	.048	4.60

NOTE: *Requires a color code designation.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.

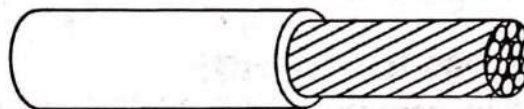


MIL-W-16878/11

Type K
FEP
Stranded Conductor

APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.



SPECIFICATIONS:

1. CONDUCTOR: Stranded silver-plated copper wire.
2. INSULATION: Extruded FEP (Teflon)
3. TEMPERATURE: -65°C to +200°C
4. VOLTAGE: 600 Volts.



NEC Number	Conductor		Insulation Thickness IN	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand			
M16878/11-BBB-*	30	7 x 38	.009	.031	.78
M16878/11-BCB-*	28	7 x 36	.009	.034	.86
M16878/11-BDB-*	26	7 x 34	.009	.038	.96
M16878/11-BEE-*	24	19 x 36	.009	.043	1.09
M16878/11-BFE-*	22	19 x 34	.009	.050	1.27
M16878/11-BGE-*	20	19 x 32	.009	.057	1.44
M16878/11-BHE-*	18	19 x 30	.009	.067	1.70
M16878/11-BJE-*	16	19 x 29	.009	.076	1.93
M16878/11-BKE-*	14	19 x 27	.009	.092	2.33
M16878/11-BLE-*	12	19 x 25	.012	.115	2.79

MIL-W-16878/12

Type KK
FEP
Stranded Conductor

APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.

SPECIFICATIONS:

1. CONDUCTOR: Stranded silver plated copper wire.
2. INSULATION: Extruded FEP (Teflon)
3. TEMPERATURE: -65°C to +200°C
4. VOLTAGE: 1000 Volts.

NEC Number	Conductor		Insulation Thickness IN	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand			
M16878/12-BEE-*	24	19 x 36	.015	.054	3.18
M16878/12-BFE-*	22	19 x 34	.015	.060	4.32
M16878/12-BGE-*	20	19 x 32	.015	.068	6.10
M16878/12-BHE-*	18	19 x 30	.015	.079	8.67
M16878/12-BJE-*	16	19x 29	.015	.089	11.10
M16878/12-BKE-*	14	19 x 27	.015	.105	16.40

NOTE: *Requires a color code designation.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.



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MIL-W-16878/13

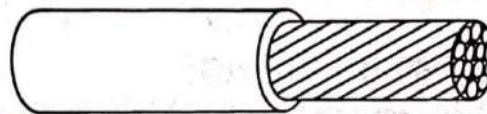
Type KT

FEP

Stranded Conductor

APPLICATIONS:

Miniature Hookup Wire.



SPECIFICATIONS:

1. CONDUCTOR: Stranded silver plated copper.
2. INSULATION: Extruded FEP (Teflon)
3. TEMPERATURE: -0°C to +200°C
4. VOLTAGE: 250 Volts.

NEC Number	Conductor		Insulation Thickness	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand	IN	IN	
M16878/13-BAB-*	32	7 x 40	.006	.022	.48
M16878/13-BBB-*	30	7 x 38	.006	.024	.66
M16878/13-BCB-*	28	7 x 36	.006	.027	.91
M16878/13-BCE-*	28	19 x 40	.006	.027	.98
M16878/13-BDB-*	26	7 x 34	.006	.031	1.30
M16878/13-BDE-*	26	19 x 38	.006	.031	1.40
M16878/13-BEB-*	24	7 x 32	.006	.036	1.90
M16878/13-BEE-*	24	19 x 36	.006	.036	2.02
M16878/13-BFB-*	22	7 x 30	.006	.042	2.80
M16878/13-BFE-*	22	19 x 34	.006	.042	2.98
M16878/13-BGB-*	20	7 x 28	.006	.050	4.24
M16878/13-BGE-*	20	19 x 32	.006	.050	4.60

NOTE: * Requires a color code designation.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.



佳昭企業有限公司
NEARSON ENTERPRISE CORP.

MIL-W-16878/17

Type B/N
 PVC/Nylon
 Stranded Conductor
APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.



SPECIFICATIONS:

1. CONDUCTOR: Stranded tinned copper.
2. INSULATION: Polyvinyl chloride, with nylon covering.
3. TEMPERATURE: -55°C to +105°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor		Insulation Thickness IN	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand			
M16878/17-BDB-*	26	7 x 34	.010/.003**	.044	1.57
M16878/17-BEB-*	24	7 x 32	.010/.003**	.049	2.22
M16878/17-BEE-*	24	19 x 36	.010/.003**	.049	2.40
M16878/17-BFB-*	22	7 x 30	.010/.003**	.056	3.25
M16878/17-BFE-*	22	19 x 34	.010/.003**	.056	3.44
M16878/17-BGB-*	20	7 x 28	.010/.003**	.064	4.77
M16878/17-BGE-*	20	19 x 32	.010/.003**	.064	5.00
M16878/17-BHB-*	18	7 x 26	.010/.003**	.074	7.16
M16878/17-BHE-*	18	19 x 30	.010/.003**	.074	7.34
M16878/17-BJE-*	16	19 x 29	.010/.003**	.085	9.43
M16878/17-BKE-*	14	19 x 27	.010/.004**	.099	9.52

NOTE: *Requires a color code designation.

**Nylon jacket approximate thickness.

Please request print on insulation if required.

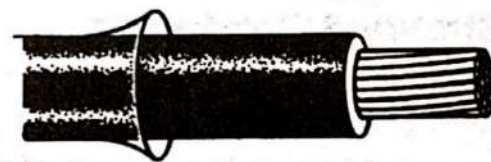
Diameters and weights may vary between manufacturers.



MIL-W-16878/18

Type C/N
PVC/Nylon
Stranded Conductor
APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.



SPECIFICATIONS:

1. CONDUCTOR: Stranded tinned copper.
2. INSULATION: Polyvinyl chloride with nylon covering.
3. TEMPERATURE: -55°C to +105°C
4. VOLTAGE: 1000 Volts.

NEC Number	Conductor		Insulation Thickness IN	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand			
M16878/18-BDB-*	26	7 x 34	.015/.004**	.058	2.27
M16878/18-BEB-*	24	7 x 32	.015/.004**	.063	2.93
M16878/18-BEE-*	24	19 x 36	.015/.004**	.063	3.03
M16878/18-BFB-*	22	7 x 30	.015/.004**	.066	4.00
M16878/18-BFE-*	22	19 x 32	.015/.004**	.069	4.22
M16878/18-BGB-*	20	7 x 28	.015/.004**	.079	5.78
M16878/18-BHE-*	18	19 x 29	.015/.004**	.089	8.70
M16878/18-BJE-*	16	19 x 29	.015/.004**	.009	10.90
M16878/18-BKE-*	14	19 x 27	.015/.004**	.113	15.72
M16878/18-BLE-*	12	19 x 25	.015/.004**	.113	24.43

NOTE: *Requires a color code designation.

**Nylon jacket approximate thickness.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.



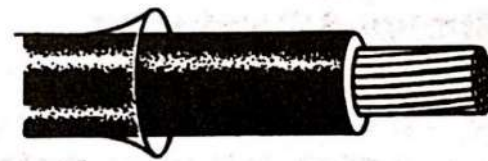
佳昭企業有限公司
NEARSON ENTERPRISE CORP.

MIL-W-16878/19

Type D/N
PVC/Nylon
Stranded Conductor

APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment.



SPECIFICATIONS:

1. CONDUCTOR: Stranded tinned copper.
2. INSULATION: Polyvinyl chloride with nylon jacket
3. TEMPERATURE: -55°C to +105°C
4. VOLTAGE: 3000 Volts.

NEC Number	Conductor		Insulation Thickness	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	Strand	IN	IN	
M16878/19-BEB-*	24	7 x 32	.030/.004**	.088	4.55
M16878/19-BEE-*	24	19 x 36	.030/.004**	.088	4.67
M16878/19-BFB-*	22	7 x 30	.030/.004**	.094	5.74
M16878/19-BFE-*	22	19 x 34	.030/.004**	.094	5.93
M16878/19-BGB-*	20	7 x 28	.030/.004**	.101	7.44
M16878/19-BGE-*	20	19 x 32	.030/.004**	.101	7.72
M16878/19-BHB-*	18	7 x 26	.030/.004**	.112	10.20
M16878/19-BJE-*	16	19 x 29	.030/.004**	.121	12.81
M16878/19-BKE-*	14	19 x 27	.030/.004**	.136	18.30
M16878/19-BLE-*	12	19 x 25	.030/.004**	.170	28.89
M16878/19-BMG-*	10	37 x 26	.030/.004**	.193	40.69
M16878/19-BNL-*	8	133 x 29	.030/.006**	.257	73.12
M16878/19-BPL-*	6	133 x 27	.030/.006**	.257	110.62

NOTE: *Requires a color code designation.

**Nylon jacket approximate thickness.

Please request print on insulation if required.

Diameters and weights may vary between manufacturers.



佳昭企業有限公司
NEARSON ENTERPRISE CORP.

PTFE Insulation – Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/4-BBA-X	30	1/30	10	.030	.89
M16878/4-BBB-X	30	7/38	10	.032	.98
M16878/4-BCA-X	28	1/28	10	.033	1.2
M16878/4-BCB-X	28	7/36	10	.035	1.3
M16878/4-BCE-X	28	19/40	10	.035	1.3
M16878/4-BDA-X	26	1/26	10	.036	1.5
M16878/4-BDB-X	26	7/34	10	.039	1.7
M16878/4-BDE-X	26	19/38	10	.039	1.8
M16878/4-BEA-X	24	1/24	10	.040	2.1
M16878/4-BEB-X	24	7/32	10	.044	2.4
M16878/4-BEE-X	24	19/36	10	.044	2.4
M16878/4-BFA-X	22	1/22	10	.045	3.0
M16878/4-BFB-X	22	7/30	10	.050	3.3
M16878/4-BFE-X	22	19/34	10	.050	3.4
M16878/4-BGA-X	20	1/20	10	.052	4.3
M16878/4-BGB-X	20	7/28	10	.058	4.9
M16878/4-BGE-X	20	19/32	10	.058	5.0
M16878/4-BHA-X	18	1/18	11	.061	6.5
M16878/4-BHB-X	18	7/26	11	.069	7.3
M16878/4-BHE-X	18	19/30	11	.069	7.5
M16878/4-BJE-X	16	19/29	14	.080	9.9
M16878/4-BKE-X	14	19/27	15	.095	15
M16878/4-BLE-X	12	19/25	15	.114	23
M16878/4-BLG-X	12	37/28	14	.112	22
M16878/4-BMG-X	10	37/26	13	.134	34

1) The X in this column shall be replaced by color code.



PTFE Insulation – Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/5-BBA-X	30	1/30	15	.040	1.4
M16878/5-BBB-X	30	7/38	15	.042	1.5
M16878/5-BCA-X	28	1/28	15	.043	1.7
M16878/5-BCB-X	28	7/36	15	.045	1.8
M16878/5-BCE-X	28	19/40	15	.045	1.9
M16878/5-BDA-X	26	1/26	15	.046	2.1
M16878/5-BDB-X	26	7/34	15	.049	2.4
M16878/5-BDE-X	26	19/38	15	.049	2.4
M16878/5-BEA-X	24	1/24	15	.050	2.8
M16878/5-BEB-X	24	7/32	15	.054	3.1
M16878/5-BEE-X	24	19/36	15	.054	3.1
M16878/5-BFA-X	22	1/22	15	.055	3.7
M16878/5-BFB-X	22	7/30	15	.060	4.2
M16878/5-BFE-X	22	19/34	15	.060	4.2
M16878/5-BGA-X	20	1/20	15	.062	5.2
M16878/5-BGB-X	20	7/28	15	.068	5.8
M16878/5-BGE-X	20	19/32	15	.068	6.1
M16878/5-BHA-X	18	1/18	16	.071	7.4
M16878/5-BHB-X	18	7/26	16	.079	8.4
M16878/5-BHE-X	18	19/30	16	.079	8.6
M16878/5-BJE-X	16	19/29	18	.089	11
M16878/5-BKE-X	14	19/27	20	.106	17
M16878/5-BLE-X	12	19/25	20	.125	24
M16878/5-BLG-X	12	37/28	20	.123	24
M16878/5-BMG-X	10	37/26	19	.145	36

1) The X in this column shall be replaced by color code



**PTFE Insulation
Hook-up & Lead Wire**



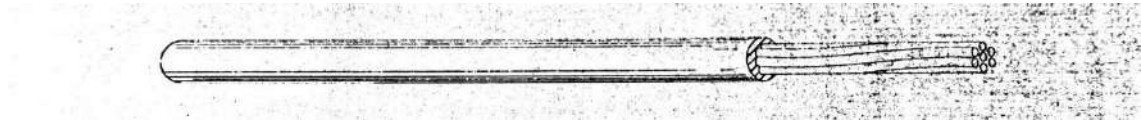
DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/6-BBA-X	30	1/30	6	.022	.58
M16878/6-BBB-X	30	7/38	6	.024	.66
M16878/6-BCA-X	28	1/28	6	.025	.81
M16878/6-BCB-X	28	7/36	6	.027	.90
M16878/6-BCE-X	28	19/40	6	.027	.94
M16878/6-BDA-X	26	1/26	6	.028	1.2
M16878/6-BDB-X	26	7/34	6	.031	1.3
M16878/6-BDE-X	26	19/38	6	.031	1.3
M16878/6-BEA-X	24	1/24	6	.032	1.7
M16878/6-BEB-X	24	7/32	6	.036	1.9
M16878/6-BEE-X	24	19/36	6	.036	2.0
M16878/6-BFA-X	22	1/22	6	.038	2.5
M16878/6-BFB-X	22	7/30	6	.042	2.8
M16878/6-BFE-X	22	19/34	6	.042	2.9
M16878/6-BGA-X	20	1/20	6	.044	3.8
M16878/6-BGB-X	20	7/28	6	.050	4.3
M16878/6-BGE-X	20	19/32	6	.050	4.6

1) The X in this column shall be replaced by color code



Silicone Rubber Insulation Hook-up & Lead Wire



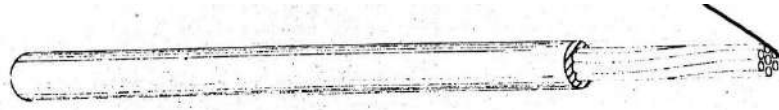
DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/7-BEB-X	24	7/32	16	.055	2.4
M16878/7-BFB-X	22	7/30	16	.061	3.4
M16878/7-BFE-X	22	19/34	16	.061	3.5
M16878/7-BGB-X	20	7/28	16	.069	4.9
M16878/7-BGC-X	20	10/30	16	.069	4.6
M16878/7-BGE-X	20	19/32	16	.069	5.2
M16878/7-BHB-X	18	7/26	16	.079	7.2
M16878/7-BHD-X	18	16/30	17	.079	6.8
M16878/7-BJE-X	16	19/29	18	.088	9.4
M16878/7-BJF-X	16	26/30	15	.088	10
M16878/7-BKE-X	14	19/27	27	.119	16
M16878/7-BKH-X	14	41/30	24	.119	17
M16878/7-BLE-X	12	19/25	27	.138	23
M16878/7-BLJ-X	12	65/30	23	.138	24
M16878/7-BMK-X	10	105/30	21	.161	35

1) The X in this column shall be replaced by color code designators (0 to 9 only)



Silicone Rubber Insulation Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/8-BEB-X	24	7/32	32	.087	4.4
M16878/8-BFB-X	22	7/30	32	.093	5.6
M16878/8-BFE-X	22	19/34	32	.093	5.7
M16878/8-BGB-X	20	7/28	32	.101	7.3
M16878/8-BGCX	20	10/30	32	.101	7.0
M16878/8-BGE-X	20	19/32	32	.101	7.8
M16878/8-BHB-X	18	7/26	32	.111	9.9
M16878/8-BHD-X	18	16/30	33	.111	9.5
M16878/8-BJE-X	16	19/29	34	.120	12
M16878/8-BJF-X	16	26/30	31	.120	13
M16878/8-BKE-X	14	19/27	50	.166	22
M16878/8-BKH-X	14	41/30	48	.166	23
M16878/8-BLE-X	12	19/25	51	.185	30
M16878/8-BLJ-X	12	65/30	46	.185	31
M16878/8-BMG-X	10	37/26	49	.205	43
M16878/8-BMK-X	10	105/30	41	.205	42
M16878/8-BNL-X	8	133/29	67	.294	78
M16878/8-BPL-X	6	133/27	68	.338	114
M16878/8-BRL-X	4	133/25	70	.394	170
M16878/8-BSL-X	2	133/23	66	.460	250
M16878/8-BTM-X	1	259/25	81	.534	323
M16878/8-BUM-X	1/0	259/24	85	.580	400
M16878/8-BWM-X	2/0	259/23	84	.633	492
M16878/8-BYM-X	3/0	259/22	95	.709	620
M16878/8-BZM-X	4/0	259/21	86	.757	754

1) The X in this column shall be replaced by color code designators (0 to 9 only)



FEP Insulation – Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/11-BBA-X	30	1/30	10	.030	.89
M16878/11-BBB-X	30	7/38	10	.032	.98
M16878/11-BCA-X	28	1/28	10	.033	1.2
M16878/11-BCB-X	28	7/36	10	.035	1.3
M16878/11-BDA-X	26	1/26	10	.036	1.5
M16878/11-BDB-X	26	7/34	10	.039	1.7
M16878/11-BDE-X	26	19/36	10	.039	1.8
M16878/11-BEA-X	24	1/22	10	.040	2.1
M16878/11-BEB-X	24	7/32	10	.044	2.4
M16878/11-BEE-X	24	19/36	10	.044	2.4
M16878/11-BFA-X	22	1/22	10	.045	3.0
M16878/11-BFB-X	22	7/30	10	.050	3.3
M16878/11-BFE-X	22	19/34	10	.050	3.4
M16878/11-BGA-X	20	1/20	10	.052	4.3
M16878/11-BGB-X	20	7/28	10	.058	4.9
M16878/11-BGE-X	20	19/32	10	.058	5.0
M16878/11-BHA-X	18	1/18	11	.061	6.5
M16878/11-BHB-X	18	7/26	11	.069	7.3
M16878/11-BHE-X	18	19/30	11	.069	7.5
M16878/11-BJA-X	16	1/16	12	.074	9.9
M16878/11-BJE-X	16	19/29	14	.080	9.9
M16878/11-BKA-X	14	1/14	12	.087	15
M16878/11-BKE-X	14	19/27	15	.095	15
M16878/11-BLE-X	12	19/25	15	.114	23
M16878/11-BMG-X	10	37/26	13	.134	22
M16878/11-BNL-X	8	133/29	16	.192	34

1) The X in this column shall be replaced by color code.



MIL-W-16878/12
DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/12-BBA-X	30	1/30	15	.040	1.4
M16878/12-BBB-X	30	7/38	15	.042	1.5
M16878/12-BCA-X	28	1/28	15	.043	1.7
M16878/12-BCB-X	28	7/36	15	.045	1.8
M16878/12-BCE-X	28	19/40	15	.045	1.9
M16878/12-BDA-X	26	1/26	15	.046	2.1
M16878/12-BDB-X	26	7/34	15	.049	2.4
M16878/12-BDE-X	26	19/38	15	.049	2.4
M16878/12-BEA-X	24	1/24	15	.050	2.8
M16878/12-BEB-X	24	7/32	15	.054	3.1
M16878/12-BEE-X	24	19/36	15	.054	3.1
M16878/12-BFA-X	22	1/22	15	.055	3.7
M16878/12-BFB-X	22	7/30	15	.060	4.2
M16878/12-BFE-X	22	19/34	15	.060	4.2
M16878/12-BGA-X	20	1/20	15	.062	5.2
M16878/12-BGB-X	20	7/28	15	.068	5.8
M16878/12-BGE-X	20	19/32	15	.068	6.1
M16878/12-BHA-X	18	1/18	16	.072	7.5
M16878/12-BHB-X	18	7/26	16	.079	8.4
M16878/12-BHE-X	18	19/30	16	.079	8.6
M16878/12-BJA-X	16	1/16	16	.083	11
M16878/12-BJE-X	16	19/29	18	.089	11
M16878/12-BJF-X	16	26/30	17	.092	12
M16878/12-BKA-X	14	1/14	17	.098	16
M16878/12-BKE-X	14	19/27	20	.106	17
M16878/12-BKH-X	14	41/30	20	.110	18
M16878/12-BLE-X	12	19/25	21	.125	24
M16878/12-BLJ-X	12	65/30	17	.127	25
M16878/12-BMG-X	10	37/26	19	.145	36
M16878/12-BMK-X	10	105/30	15	.154	37
M16878/12-BNL-X	8	133/29	25	.209	65
M16878/12-BPL-X	6	133/27	46	.293	115
M16878/12-BRL-X	4	133/25	52	.359	177
M16878/12-BSL-X	2	133/23	35	.405	243
M16878/12-BSP-X	2	665/30	44	.405	260
M16878/12-BTM-X	1	259/21	57	.485	329
M16878/12-BTR-X	1	817/30	60	.485	335
M16878/12-BUM-X	1/0	259/24	52	.514	396
M16878/12-BUS-X	1/0	1045/30	51	.514	400
M16878/12-BWM-X	2/0	259/23	50	.565	486
M16878/12-BWT-X	2/0	1330/30	48	.565	493
M16878/12-BYM-X	3/0	259/22	63	.645	625
M16878/12-BYV-X	3/0	1672/30	59	.645	650
M16878/12-BZM-X	4/0	259/21	65	.715	776
M16878/12-BZW-X	4/0	2109/30	64	.715	771

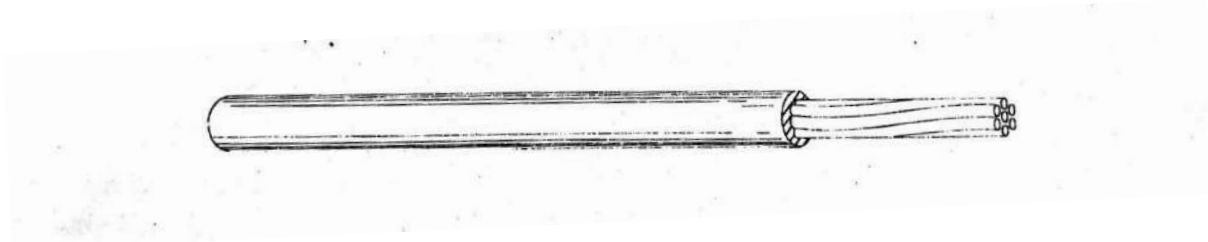
1) The X in this column shall be replaced by color code.



佳昭企業有限公司

NEARSON ENTERPRISE CORP.

**FEP Insulation
Hook-up & Lead Wire**



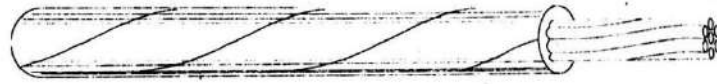
DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/13-BBA-X	30	1/30	6	.022	.70
M16878/13-BBB-X	30	7/38	6	.024	.75
M16878/13-BCA-X	28	1/28	6	.025	.91
M16878/13-BCB-X	28	7/36	6	.027	.90
M16878/13M16878/13-BCE-X	28	19/40	6	.027	.94
M16878/13-BDA-X	26	1/26	6	.028	1.3
M16878/5-BDB-X	26	7/34	6	.031	1.4
M16878/13-BDE-X	26	19/38	6	.031	1.5
M16878/13-BEA-X	24	1/24	6	.032	2.0
M16878/13-BEB-X	24	7/32	6	.036	2.1
M16878/13-BEE-X	24	19/36	6	.036	2.1
M16878/13-BFA-X	22	1/22	6	.038	2.6
M16878/13-BFB-X	22	7/30	6	.042	2.9
M16878/13-BFE-X	22	19/34	6	.042	3.1
M16878/13-BGA-X	20	1/20	6	.044	3.8
M16878/13-BGB-X	20	7/28	6	.050	4.4
M16878/13-BGE-X	20	19/32	6	.050	4.7

1) The X in this column shall be replaced by color code.



PTFE Insulation – Hook-up & Lead Wire



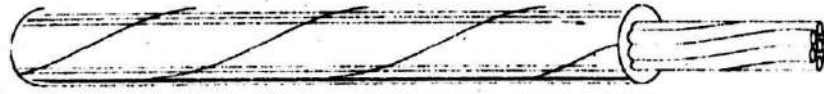
DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/21-BBA-X	30	1/30	10	.030	.89
M16878/21-BBB-X	30	7/38	10	.032	.98
M16878/21-BCA-X	28	1/28	10	.033	1.2
M16878/21-BCB-X	28	7/36	10	.035	1.3
M16878/21-BDA-X	26	1/26	10	.036	1.5
M16878/21-BDB-X	26	7/34	10	.039	1.7
M16878/21-BDE-X	26	19/38	10	.039	1.8
M16878/21-BEA-X	24	1/24	10	.040	2.1
M16878/21-BEB-X	24	7/32	10	.044	2.4
M16878/21-BEE-X	24	19/36	10	.044	2.4
M16878/21-BFA-X	22	1/22	10	.045	3.0
M16878/21-BFB-X	22	7/30	10	.050	3.3
M16878/21-BFE-X	22	19/34	10	.050	3.4
M16878/21-BGA-X	20	1/20	10	.052	4.3
M16878/21-BGB-X	20	7/28	10	.058	4.9
M16878/21-BGE-X	20	19/32	10	.058	5.0
M16878/21-BHA-X	18	1/18	11	.061	6.5
M16878/21-BHB-X	18	7/26	11	.069	7.3
M16878/21-BHE-X	18	19/30	11	.069	7.5
M16878/21-BJA-X	16	1/16	12	.074	9.9
M16878/21-BJE-X	16	19/29	14	.080	9.9
M16878/21-BKE-X	14	19/25	15	.095	15
M16878/21-BLE-X	12	19/25	15	.114	23
M16878/21-BLG-X	12	37/28	14	.112	22
M16878/21-BMG-X	10	37/26	13	.134	34

1) The X in this column shall be replaced by color code



PTFE Insulation – Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/22-BBA-X	30	1/30	15	.040	1.4
M16878/22-BBB-X	30	7/38	15	.042	1.5
M16878/22-BCA-X	28	1/28	15	.043	1.7
M16878/22-BCB-X	28	7/36	15	.045	1.8
M16878/22-BDA-X	26	1/26	15	.046	2.1
M16878/22-BDB-X	26	7/34	15	.049	2.4
M16878/22-BDE-X	26	19/38	15	.049	2.4
M16878/22-BEA-X	24	1/24	15	.050	2.8
M16878/22-BEB-X	24	7/32	15	.054	3.1
M16878/22-BEE-X	24	19/36	15	.054	3.1
M16878/22-BFA-X	22	1/22	15	.055	3.7
M16878/22-BFB-X	22	7/30	15	.060	4.2
M16878/22-BFE-X	22	19/34	15	.060	4.2
M16878/22-BGA-X	20	1/20	15	.062	5.2
M16878/22-BGB-X	20	7/28	15	.068	5.8
M16878/22-BGE-X	20	19/32	15	.068	6.1
M16878/22-BHA-X	18	1/18	16	.071	7.4
M16878/22-BHB-X	18	7/26	16	.079	8.4
M16878/22-BHE-X	18	19/30	16	.079	8.6
M16878/22-BJA-X	16	1/16	16	.083	11
M16878/22-BJE-X	16	19/29	18	.089	11
M16878/22-BJF-X	16	26/30	17	.092	12
M16878/22-BKE-X	14	19/27	20	.106	17
M16878/22-BLE-X	12	19/25	21	.125	24
M16878/22-BLG-X	12	37/28	17	.123	24
M16878/22-BLJ-X	12	65/30	17	.127	25
M16878/22-BMG-X	10	37/26	19	.145	36
M16878/22-BNL-X	8	133/29	25	.209	65
M16878/22-BPL-X	6	133/27	31	.263	103

1) The X in this column shall be replaced by color code.



**PTFE Insulation
Hook-up & Lead Wire**



DIMENSIONAL ANALYSIS

Military Part No.¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/23-BBA-X	30	1/30	6	.022	.59
M16878/23-BBB-X	30	7/38	6	.024	.66
M16878/23-BCA-X	28	1/28	6	.025	.81
M16878/23-BCB-X	28	7/36	6	.027	.90
M16878/23-BDA-X	26	1/26	6	.028	1.2
M16878/23-BDB-X	26	7/34	6	.031	1.3
M16878/23-BDE-X	26	19/38	6	.031	1.3
M16878/23-BEA-X	24	1/24	6	.032	1.7
M16878/23-BEB-X	24	7/32	6	.036	1.9
M16878/23-BEE-X	24	19/36	6	.036	2.0
M16878/23-BFA-X	22	1/22	6	.037	2.5
M16878/23-BFB-X	22	7/30	6	.042	2.8
M16878/23-BFE-X	22	19/34	6	.042	2.9
M16878/23-BGA-X	20	1/20	6	.044	3.8
M16878/23-BGB-X	20	7/28	6	.050	4.3
M16878/23-BGE-X	20	19/32	6	.050	4.6

1) The X in this column shall be replaced by color code.



**PTFE Insulation
Hook-up Lead Wire**



DIMENSIONAL ANALYSIS

Military Part No.¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/24-BBA-X	30	1/30	6	.022	.59
M16878/24-BBB-X	30	7/38	6	.024	.65
M16878/24-BCA-X	28	1/28	6	.025	.82
M16878/24-BCB-X	28	7/36	6	.027	.88
M16878/24-BDA-X	26	1/26	6	.028	1.2
M16878/24-BDB-X	26	7/34	6	.031	1.3
M16878/24-BDE-X	26	19/38	6	.031	1.3
M16878/24-BEA-X	24	1/24	6	.032	1.7
M16878/24-BEB-X	24	7/32	6	.036	1.9
M16878/24-BEE-X	24	19/36	6	.036	1.9
M16878/24-BFA-X	22	1/22	6	.037	2.5
M16878/24-BFB-X	22	7/30	6	.042	2.7
M16878/24-BFE-X	22	19/34	6	.042	2.9
M16878/24-BGA-X	20	1/20	6	.044	3.8
M16878/24-BGB-X	20	7/28	6	.050	4.3
M16878/24-BGE-X	20	19/32	6	.050	4.4

1) The X in this column shall be replaced by color code.



PTFE Insulation – Hook-up & Lead Wire



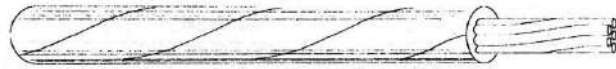
DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/25-BBA-X	30	1/30	10	.030	.90
M16878/25-BBB-X	30	7/38	10	.032	.98
M16878/25-BCA-X	28	1/28	10	.033	1.2
M16878/25-BCB-X	28	7/36	10	.035	1.3
M16878/25-BDA-X	26	1/26	10	.036	1.6
M16878/25-BDB-X	26	7/34	10	.039	1.7
M16878/25-BDE-X	26	19/38	10	.039	1.8
M16878/25-BEA-X	24	1/24	10	.040	2.1
M16878/25-BEB-X	24	7/32	10	.044	2.4
M16878/25-BEE-X	24	19/36	10	.044	2.4
M16878/25-BFA-X	22	1/22	10	.045	2.9
M16878/25-BFB-X	22	7/30	10	.050	3.2
M16878/25-BFE-X	22	19/34	10	.050	3.4
M16878/25-BGA-X	20	1/20	10	.052	4.3
M16878/25-BGB-X	20	7/28	10	.058	4.9
M16878/25-BGE-X	20	19/32	10	.058	5.0
M16878/25-BHA-X	18	1/18	11	.061	6.5
M16878/25-BHB-X	18	7/26	11	.069	7.5
M16878/25-BHE-X	18	19/30	11	.069	7.5
M16878/25-BJE-X	16	19/29	14	.080	10
M16878/25-BKE-X	14	19/27	13	.093	15
M16878/25-BLE-X	12	19/25	15	.114	23
M16878/25-BLG-X	12	37/28	13	.112	21
M16878/25-BMG-X	10	37/26	12	.134	34

1) The X in this column shall be replaced by color code.



PTFE Insulation – Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/26-BBA-X	30	1/30	10	.030	.90
M16878/26-BBB-X	30	7/38	10	.032	.98
M16878/26-BCA-X	28	1/28	10	.033	1.2
M16878/26-BCB-X	28	7/36	10	.035	1.3
M16878/26-BDA-X	26	1/26	10	.036	1.6
M16878/26-BDB-X	26	7/34	10	.039	1.7
M16878/26-BDE-X	26	19/38	10	.039	1.8
M16878/26-BEA-X	24	1/24	10	.040	2.1
M16878/26-BEB-X	24	7/32	10	.044	2.4
M16878/26-BEE-X	24	19/36	10	.044	2.4
M16878/26-BFA-X	22	1/22	10	.045	3.0
M16878/26-BFB-X	22	7/30	10	.050	3.2
M16878/26-BFE-X	22	19/34	10	.050	3.4
M16878/26-BGA-X	20	1/20	10	.052	4.3
M16878/26-BGB-X	20	7/28	10	.058	4.9
M16878/26-BGE-X	20	19/32	10	.058	5.0
M16878/26-BHA-X	18	1/18	11	.061	6.5
M16878/26-BHB-X	18	7/26	11	.069	7.5
M16878/26-BHE-X	18	19/30	11	.069	7.5
M16878/26-BJA-X	16		12	.074	9.9
M16878/26-BJE-X	16	19/29	14	.080	9.9
M16878/26-BKE-X	14	19/27	14	.095	15
M16878/26-BLE-X	12	19/25	15	.114	23
M16878/26-BLG-X	12	37/28	13	.112	21
M16878/26-BMG-X	10	37/26	12	.134	34

1) The X in this column shall be replaced by color code.



PTFE Insulation – Hook-up & Lead Wire



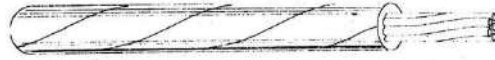
DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/27-BBA-X	30	1/30	15	.040	1.4
M16878/27-BBB-X	30	7/38	15	.042	1.5
M16878/27-BCA-X	28	1/28	15	.043	1.7
M16878/27-BCB-X	28	7/36	15	.045	1.8
M16878/27-BDA-X	26	1/26	15	.046	2.1
M16878/27-BDB-X	26	7/34	15	.049	2.4
M16878/27-BDE-X	26	19/38	15	.049	2.4
M16878/27-BEA-X	24	1/24	15	.050	2.8
M16878/27-BEB-X	24	7/32	15	.054	3.1
M16878/27-BEE-X	24	19/36	15	.054	3.1
M16878/27-BFA-X	22	1/22	15	.055	3.7
M16878/27-BFB-X	22	7/30	15	.060	4.0
M16878/27-BFE-X	22	19/34	15	.060	4.2
M16878/27-BGA-X	20	1/20	15	.062	5.2
M16878/27-BGB-X	20	7/28	15	.068	5.8
M16878/27-BGE-X	20	19/32	15	.068	6.0
M16878/27-BHA-X	18	1/18	16	.071	7.4
M16878/27-BHB-X	18	7/26	16	.079	8.6
M16878/27-BHE-X	18	19/30	16	.079	8.6
M16878/27-BJE-X	16	19/29	18	.089	11
M16878/27-BKE-X	14	19/27	20	.106	18
M16878/27-BLE-X	12	19/25	21	.125	24
M16878/27-BLG-X	12	37/28	19	.123	23
M16878/27-BMG-X	10	37/26	18	.145	36

1) The X in this column shall be replaced by color code.



PTFE Insulation – Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/28-BBA-X	30	1/30	15	.040	1.4
M16878/28-BBB-X	30	7/38	15	.042	1.5
M16878/28-BCA-X	28	1/28	15	.043	1.7
M16878/28-BCB-X	28	7/36	15	.045	1.8
M16878/28-BDA-X	26	1/26	15	.046	2.1
M16878/28-BDB-X	26	7/34	15	.049	2.4
M16878/28-BDE-X	26	19/38	15	.049	2.4
M16878/28-BEA-X	24	1/24	15	.050	2.8
M16878/28-BEB-X	24	7/32	15	.054	3.1
M16878/28-BEE-X	24	19/36	15	.054	3.1
M16878/28-BFA-X	22	1/22	15	.055	3.7
M16878/28-BFB-X	22	7/30	15	.060	4.0
M16878/28-BFE-X	22	19/34	15	.060	4.2
M16878/28-BGA-X	20	1/20	15	.062	5.2
M16878/28-BGB-X	20	7/28	15	.068	5.9
M16878/28-BGE-X	20	19/32	15	.068	6.0
M16878/28-BHA-X	18	1/18	16	.071	7.4
M16878/28-BHB-X	18	7/26	16	.079	8.6
M16878/28-BHE-X	18	19/30	16	.079	8.6
M16878/28-BJA-X	16	1/16	16	.083	11
M16878/28-BJE-X	16	19/29	18	.089	11
M16878/28-BKE-X	14	19/27	20	.106	16
M16878/28-BLE-X	12	19/25	21	.125	24
M16878/28-BLG-X	12	37/28	19	.123	23
M16878/28-BMG-X	10	37/26	18	.145	36
M16878/28-BMK-X	10	105/30	15	.154	37
M16878/28-BNL-X	8	133/29	24	.209	65
M16878/28-BPL-X	6	133/27	30	.263	102

1) The X in this column shall be replaced by color code.



Silicone Rubber Insulation Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/29-BEB-X	24	7/32	16	.055	2.3
M16878/29-BFB-X	22	7/30	16	.061	3.2
M16878/29-BFE-X	22	19/34	16	.061	3.6
M16878/29-BGB-X	20	7/28	16	.069	4.9
M16878/29-BGC-X	20	10/30	16	.069	4.6
M16878/29-BGE-X	20	19/32	15	.069	5.2
M16878/29-BHB-X	18	7/26	15	.079	6.7
M16878/29-BHD-X	18	16/30	17	.079	6.8
M16878/29-BJE-X	16	19/29	17	.088	9.6
M16878/29-BJF-X	16	26/30	16	.088	10
M16878/29-BKE-X	14	19/27	26	.119	16
M16878/29-BKH-X	14	41/30	25	.119	17
M16878/29-BLE-X	12	19/25	26	.138	25
M16878/29-BLJ-X	12	65/30	24	.138	28
M16878/29-BMK-X	10	105/30	19	.161	36

1) The X in this column shall be replaced by color code.



Silicone Rubber Insulation Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/30-BEB-X	24	7/32	32	.087	4.3
M16878/30-BFB-X	22	7/30	32	.093	5.4
M16878/30-BFE-X	22	19/34	32	.093	5.7
M16878/30-BGB-X	20	7/28	32	.101	7.3
M16878/30-BGC-X	20	10/30	32	.101	7.0
M16878/30-BHB-X	18	7/26	31	.111	9.4
M16878/30-BHD-X	18	16/30	33	.111	9.5
M16878/30-BJE-X	16	19/30	33	.120	13
M16878/30-BJF-X	16	26/30	32	.120	13
M16878/30-BKE-X	14	19/27	50	.166	22
M16878/30-BKH-X	14	41/30	48	.166	23
M16878/30-BLE-X	12	19/25	48	.185	32
M16878/30-BLJ-X	12	65/30	48	.185	32
M16878/30-BMG-X	10	37/26	49	.205	42
M16878/30-BMK-X	10	105/30	41	.205	43
M16878/30-BNL-X	8	133/29	65	.295	80
M16878/30-BPL-X	6	133/27	66	.338	113
M16878/30-BRL-X	4	133/25	65	.394	166
M16878/30-BSL-X	2	133/23	63	.460	248
M16878/30-BTM-X	1	259/25	81	.534	323
M16878/30-BUM-X	1/0	259/24	85	.580	400
M16878/30-BWM-X	2/0	259/23	84	.633	492
M16878/30-BYM-X	3/0	259/22	95	.709	620
M16878/30-BZM-X	4/0	259/21	86	.757	754

1) The X in this column shall be replaced by color code.



Silicone Rubber Insulation & Fiberglass Braid Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/31-BEB-X	24	7/30	28	.094	5.6
M16878/31-BFB-X	22	7/30	28	.100	6.7
M16878/31-BGB-X	20	7/28	28	.108	8.7
M16878/31-BGC-X	20	10/30	28	.108	8.4
M16878/31-BHB-X	18	7/26	27	.118	11
M16878/31-BHD-X	18	16/30	29	.118	11
M16878/31-BJE-X	16	19/29	29	.127	14
M16878/31-BJF-X	16	26/30	28	.127	15
M16878/31-BKE-X	14	19/27	47	.176	25
M16878/31-BKH-X	14	41/30	46	.176	26
M16878/31-BLE-X	12	19/25	47	.195	35
M16878/31-BLJ-X	12	65/30	45	.195	35
M16878/31-BMG-X	10	37/26	47	.215	46
M16878/31-BMK-X	10	105/30	38	.215	46
M16878/31-BNL-X	8	133/29	61	.312	88
M16878/31-BPL-X	6	133/27	63	.356	123
M16878/31-BRL-X	4	133/25	62	.414	179
M16878/31-BSL-X	2	133/23	59	.478	262
M16878/31-BTM-X	1	259/25	78	.552	339
M16878/31-BUM-X	1/0	259/24	82	.598	417
M16878/31-BWM-X	2/0	259/23	63	.651	523
M16878/31-BYM-X	3/0	259/22	65	.709	642
M16878/31-BZM-X	4/0	259/21	65	.775	791

1) The X in this column shall be replaced by color code.



Silicone Rubber Insulation & Fiberglass Braid Hook-up & Lead Wire



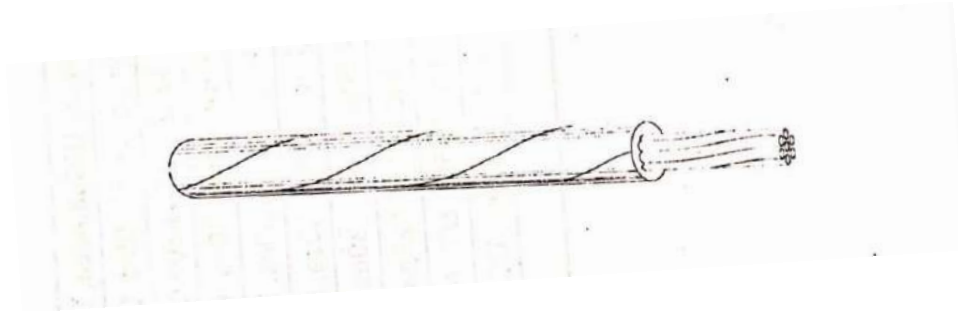
DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/32-BEB-X	24	7/32	28	.094	5.6
M16878/32-BFB-X	22	7/30	28	.100	6.7
M16878/32-BGB-X	20	7/28	28	.108	8.7
M16878/32-BGC-X	20	10/30	28	.108	8.4
M16878/32-BHB-X	18	7/26	28	.118	11
M16878/32-BHD-X	18	16/30	29	.118	11
M16878/32-BJE-X	16	19/29	30	.127	14
M16878/32-BJF-X	16	26/30	27	.127	15
M16878/32-BKE-X	14	19/27	48	.176	25
M16878/32-BKH-X	14	41/30	45	.176	25
M16878/32-BLE-X	12	19/25	48	.195	36
M16878/32-BLJ-X	12	65/30	44	.195	34
M16878/32-BMG-X	10	37/26	46	.215	46
M16878/32-BMK-X	10	105/30	38	.215	46
M16878/32-BNL-X	8	133/29	64	.312	90
M16878/32-BPL-X	6	133/27	65	.356	119
M16878/32-BRL-X	4	133/25	66	.412	181
M16878/32-BSL-X	2	133/23	59	.478	262
M16878/32-BSP-X	2	665/30	58	.478	267
M16878/32-BTM-X	1	259/25	78	.552	339
M16878/32-BUM-X	1/0	259/24	82	.598	418
M16878/32-BUS-X	1/0	1045/30	60	.598	424
M16878/32-BWM-X	2/0	259/23	63	.651	523
M16878/32-BYM-X	3/0	259/22	65	.709	643
M16878/32-BZM-X	4/0	259/21	65	.775	791

1) The X in this column shall be replaced by color code.



**PTFE Insulation
Hook-up & Lead Wire**



DIMENSIONAL ANALYSIS

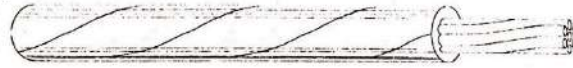
Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/34-BBB-X	30	7/38	15	.042	1.5
M16878/34-BCB-X	28	7/36	15	.045	1.8
M16878/34-BDB-X	26	7/34	15	.049	2.4
M16878/34-BEB-X	24	7/32	15	.054	3.1
M16878/34-BFB-X	22	7/30	15	.060	4.2
M16878/34-BGB-X	20	7/28	15	.068	5.8
M16878/34-BHB-X	18	7/26	15	.079	8.4
M16878/34-BJE-X	16	19/29	16	.089	11
M16878/34-BKE-X	14	19/25	17	.106	17
M16878/34-BLE-X	12	19/25	17	.125	24
M16878/34-BMG-X	10	37/26	17	.145	36
M16878/34-BNL-X	8	133/29	20	.209	65

1) The X in this column shall be replaced by color code.



PTFE Insulation

Hook-up & Lead Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M16878/35-BBB-X	30	7/38	15	.042	1.5
M16878/35-BCB-X	28	7/36	15	.045	1.8
M16878/35-BDB-X	26	7/34	15	.049	2.4
M16878/35-BEB-X	24	7/32	15	.054	3.1
M16878/35-BFB-X	22	7/30	15	.060	4.0
M16878/35-BGB-X	20	7/28	15	.068	5.8
M16878/35-BHB-X	18	7/26	16	.079	8.6
M16878/35-BJE-X	16	19/29	18	.089	11
M16878/35-BKE-X	14	19/25	20	.106	18
M16878/35-BLE-X	12	19/25	21	.125	24
M16878/35-BMG-X	10	37/26	18	.145	36
M16878/35-BNL-X	8	133/29	24	.209	65

1) The X in this column shall be replaced by color code.

