

MIL-W-16878E TYPE B: 105°C, 600 VOLT
UL 1429, CSA: 80°C, 150 VOLT
MIL-W-16878E TYPE C: 105°C, 1000 VOLT
UL 1430, CSA: 105°C, 300 VOLT
RoHS COMPLIANT

HOOK-UP WIRE

IRRADIATED PVC INSULATION

SOLDER IRON RESISTANT

Irradiated PVC Insulated Hook-Up Wire is exposed to controlled electron beam radiation which results in an insulation far superior to ordinary PVC.

Irradiated PVC withstands higher temperatures than ordinary PVC. Because of its ability to resist solder iron heat, it is the ideal material to use where high reliability is essential and particularly valuable in the wiring of tight, high-density systems.

Irradiated PVC insulation is tougher than ordinary PVC resulting in greatly improved abrasion and cut-through resistance.

CHARACTERISTICS

OPERATING TEMPERATURE:

- -55°C to 105°C – UL AWM 1430
- -55°C to 105°C – UL AWM 3317
- -55°C to 105°C – CSA AWM I A/B FT1
- -55°C to 105°C – MIL-W-16878E
- -55°C to 80°C – UL AWM 1429

VOLTAGE RATING:

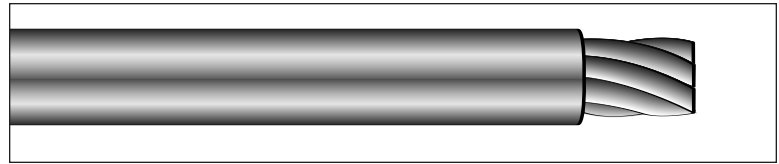
- 600 Volt (MIL), 150 Volt (UL, CSA)
- 1000 Volt (MIL), 300 Volt (UL, CSA)

PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded, Irradiated PVC (XLPVC)

SPECIFICATIONS

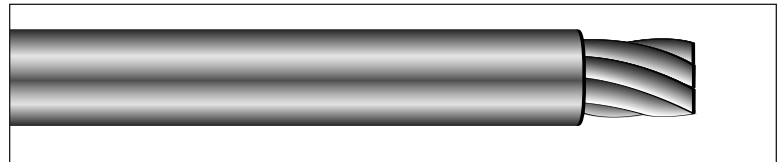
- UL AWM Style 1429
- UL AWM Style 1430
- UL AWM Style 3317
- CSA AWM I A/B FT1
- CSA REW XLPVC FT1
- MIL-W-16878E, Type B
- MIL-W-16878E, Type C
- RoHS Compliant



MIL-W-16878E TYPE B: 105°C, 600 VOLT
CSA AWM I A/B FT1: 105°C, 150 VOLT
UL 1429: 80°C, 150 VOLT

Alpha Part No.	Conductor		Insul. Thickness		Diameter		Stock Colors*
	AWG	Strand	Inches	mm	Inches	mm	
7053	26	7/34	0.010	0,25	0.040	1,02	1-10
7054	24	7/32	0.010	0,25	0.045	1,14	1-10
7054/19	24	19/36	0.010	0,25	0.045	1,14	1-10
7055	22	7/30	0.010	0,25	0.051	1,30	1-10
7055/19	22	19/34	0.010	0,25	0.052	1,32	1-10
7056	20	7/28	0.010	0,25	0.059	1,50	1-10
7056/19	20	19/32	0.010	0,25	0.060	1,52	1-10
7057	18	7/26	0.010	0,25	0.070	1,78	1-10
7057/19	18	19/30	0.010	0,25	0.070	1,78	1-10
7058/19	16	19/29	0.010	0,25	0.078	1,98	1-10

*See color chart below



MIL-W-16878E TYPE C: 105°C, 1000 VOLT
UL 1430, CSA REW XLPVC: 105°C, 300 VOLT

Alpha Part No.	Conductor		Insul. Thickness		Diameter		Stock Colors*
	AWG	Strand	Inches	mm	Inches	mm	
7130	24	7/32	0.016	0,41	0.056	1,42	1-10,29
7131	22	7/30	0.016	0,41	0.062	1,58	1-10
7132	20	7/28	0.016	0,41	0.070	1,78	1-10
7133	18	7/26	0.016	0,41	0.082	2,08	1-10,29
7134	16	19/29	0.016	0,41	0.092	2,34	1-10,29
7035†	14	19/27	0.016	0,41	0.107	2,72	1-10,29
7036†	12	19/25	0.016	0,41	0.124	3,15	1-10,29

† UL 3317

*See color chart below

AVAILABILITY

- 100 ft (30,5m), 1000 ft (305m) put-ups

*STOCK COLOR CHART

1-White	3-Red	5-Yellow	7-Brown	9-Gray	29-Yellow/Green
2-Black	4-Green	6-Blue	8-Orange	10-Violet (purple)	

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