



# IRRAVIN™ B Wire

## Electronic Hook-up Wire

Irradiated PVC - 150V

UL1429, 1534, and 1536

CSA AWM

### Application

Irravin™ B wire is an internal hook-up wire with several UL and CSA listings. The irradiated cross-linked insulation system has been specially compounded to provide a wire that has thermoset characteristics. It will not melt or flow when overheated or contacted by a hot soldering iron. It has excellent mechanical strength, cut through performance, and good fluid resistance. Irravin™ B may be used for internal wiring of electronic equipment, business machines, appliances, and other electrical or electronic equipment.

### Conductor

Soft annealed tinned copper, stranded as listed below.

### Insulation

Irradiated cross-linked polyvinylchloride, meeting the requirements of the DDA 1010 specification. The insulated conductor will pass the flame test requirement of VW-1 and FT1. Wall thicknesses are listed below.

### Approvals & Ratings

Approvals	Conductor Temperature	Voltage
UL Style 1429	80°C	150V 300V Peak Electronic
UL Style 1534	80°C	No voltage rating
UL Style 1536*	80°C	No voltage rating
CSA 14444 (AWM)	80°C	150V
MIL-W-16878/1	105°C	600V (30-18 AWG)

Product Number	UL Style	CSA Type	Conductor Size		Stranding	Insulation Wall		Nominal Diameter	
			(AWG)	(mm <sup>2</sup> )		(Inch)	(mm)	(Inch)	(mm)
C1429-30-7	1429	AWM	30	.06	7 x 38	.0105	.27	.033	.84
C1429-28-1	1429	AWM	28	.08	SOLID	.0105	.27	.035	.89
C1429-28-7	1429	AWM	28	.09	7 x 36	.0105	.27	.036	.91
C1429-26-1	1429	AWM	26	.13	SOLID	.011	.28	.038	.76
C1429-26-7	1429	AWM	26	.14	7 x 34	.0105	.27	.040	1.02
C1429-26-19	1429	AWM	26	.15	19 x 38	.0105	.27	.041	1.04
C1429-24-1	1429	AWM	24	.20	SOLID	.011	.28	.042	1.07
C1429-24-7	1429	AWM	24	.23	7 x 32	.0105	.27	.044	1.12
C1429-24-19	1429	AWM	24	.24	19 x 36	.0105	.27	.045	1.14
C1429-22-1	1429	AWM	22	.32	SOLID	.011	.28	.047	1.19
C1429-22-7	1429	AWM	22	.35	7 x 30	.0105	.27	.051	1.29
C1429-22-19	1429	AWM	22	.38	19 x 34	.0105	.27	.053	1.35
C1429-20-1	1429	AWM	20	.52	SOLID	.011	.28	.054	1.37
C1429-20-7	1429	AWM	20	.56	7 x 28	.0105	.27	.059	1.50
C1429-20-19	1429	AWM	20	.62	19 x 32	.0105	.27	.061	1.55
C1429-18-1	1429	AWM	18	.82	SOLID	.011	.28	.062	1.57
C1429-18-7	1429	AWM	18	.90	7 x 26	.0105	.27	.069	1.75
C1429-18-19	1429	AWM	18	.96	19 x 30	.0105	.27	.070	1.78
C1429-16-19	1429	AWM	16	1.32	19 x .0117	.012	.30	.080	2.03
C1534-14-19	1534	AWM	14	2.08	19 x .0147	.012	.30	.095	2.41
C1536-12-19	1536*	AWM	12	3.29	19 x .0186	.012	.30	.113	2.87
C1536-10-37	1536*	AWM	10	4.74	37 x .0168	.013	.33	.139	2.53

\*Where not subjected to mechanical abuse

1. These wires are stocked in solid colors. Stripes are also available.
2. Product numbers beginning with C are UL and CSA approved.