



IRRAVIN™ C Wire

Electronic Hook-up Wire

Irradiated PVC - 300V

UL1430, 3317

CSA REW, RR-64

Application

Irravin™ C wire is a general purpose 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™ C may be used for 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 1430	105°C	300V 600V Peak Electronic
UL Style 3317	105°C	300V 600V Peak Electronic
CSA Type RR64 (XLPVC)	90°C	300V
CSA Type REW (XLPVC)	105°C	300V
MIL-W-16878/14	105°C	1000V (26-18 AWG)

Product Number	UL Style	CSA Type	Conductor Size		Stranding	Insulation Wall		Nominal Diameter	
			(AWG)	(mm ²)		(Inch)	(mm)	(Inch)	(mm)
C1430-26-7	1430	RR-64, REW	26	.14	7 x 34	.017	.43	.053	1.35
C1430-24-1	1430	RR-64, REW	24	.20	SOLID	.017	.43	.054	1.37
C1430-24-7	1430	RR-64, REW	24	.23	7 x 32	.017	.43	.058	1.47
C1430-22-1	1430	RR-64, REW	22	.32	SOLID	.017	.43	.059	1.50
C1430-22-7	1430	RR-64, REW	22	.35	7 x 30	.017	.43	.064	1.63
C1430-22-19	1430	RR-64, REW	22	.38	19 x 34	.017	.43	.066	1.68
C1430-20-1	1430	RR-64, REW	20	.52	SOLID	.017	.43	.066	1.68
C1430-20-7	1430	RR-64, REW	20	.56	7 x 28	.017	.43	.072	1.83
C1430-20-19	1430	RR-64, REW	20	.62	19 x 32	.017	.43	.074	1.88
C1430-18-19	1430	RR-64, REW	18	.96	19 x 30	.017	.43	.082	2.08
C1430-16-19	1430	N/A	16	1.23	19 x 29	.017	.43	.090	2.29
C3317-16-19	1430	RR-64, REW	16	1.32	19 x .0117	.017	.43	.091	2.31
C3317-14-19	3317	RR-64, REW	14	2.08	19 x .0147	.017	.43	.103	2.62
C3317-12-19	3317	REW	12	3.29	19 x .0186	.017	.43	.121	3.07
C3317-10-37	3317	REW	10	4.74	37 x .0168	.017	.43	.145	3.68

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