



# IRRAFLEX™ C Wire

## Electronic Hook-up Wire

Irradiated Polyhalocarbon - 300V

UL1430, 3291

CSA AWM

### Application

Irraflex™ combines the mechanical and heat distortion characteristics of irradiated vinyl with the added property of being significantly more flexible. Irraflex™ insulation is an irradiated, thermoset system that is flame retardant, solder iron resistant, flexible, and has good high temperature cut-through and deformation resistance. It is a thermoset material which will not melt, drip, flow at elevated temperatures. Irraflex™ C may be used for internal wiring of business machines, appliances, medical equipment, and other electronic applications.

### Conductor

Soft annealed tinned copper, stranded as listed below.

### Insulation

Irradiated cross-linked polyhalocarbon, which meets the requirements of the DDA 1044 specification. The insulated conductor meets the requirement of VW-1 and FT1. Wall thicknesses are listed below.

### Approvals & Ratings

Approvals	Conductor Temperature	Voltage
UL Style 3291	105°C	300V 600V Peak Electronic
UL Style 1430	105°C	300V 600V Peak Electronic
CSA Type RR 64 (XLPE)	90°C	300V
CSA Type REW (XLPE)	105°C	300V
MIL-W-16878/2	105°C	1000V

Product Number	UL Style	CSA Type	Conductor Size		Stranding	Insulation Wall		Nominal Diameter	
			(AWG)	(mm <sup>2</sup> )		(Inch)	(mm)	(Inch)	(mm)
IRRAC-26-7	1430, 3291	RR-64, REW	26	.14	7 x 34	.017	.43	.053	1.35
IRRAC-24-7	1430, 3291	RR-64, REW	24	.23	7 x 32	.017	.43	.058	1.47
IRRAC-22-7	1430, 3291	RR-64, REW	22	.35	7 x 30	.017	.43	.064	1.63
IRRAC-20-19	1430, 3291	RR-64, REW	20	.62	19 x 32	.017	.43	.072	1.83
IRRAC-18-19	1430, 3291	RR-64, REW	18	.96	19 x 30	.017	.43	.082	2.08
IRRAC-16-19	1430, 3291	RR-64, REW	16	1.32	19 x .0117	.017	.43	.091	2.31