



IRRAFLEX™ B Wire
Electronic Hook-up Wire
 Irradiated Polyhalocarbon - 150V
 UL1429, 3293 & 3294
 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™ B may be used for internal wiring of business machines, appliances, medical equipment, and other electronic applications, where not subject to mechanical abuse.

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 1429	80°C	150V 300V Peak Electronic
UL Style 3293	105°C	150V 300V Peak Electronic
UL Style 3294	90°C	150V 300V Peak Electronic
CSA Type 14444 (XLPE)	105°C	150V (30-18 AWG)

Product Number	UL Style	CSA Type	Conductor Size		Stranding	Insulation Wall		Nominal Diameter	
			(AWG)	(mm ²)		(Inch)	(mm)	(Inch)	(mm)
IRrab-30-7	1429, 3293, 3294	AWM	30	.06	7 x 38	.0105	.27	.033	.84
IRrab-28-7	1429, 3293, 3294	AWM	28	.09	7 x 36	.0105	.27	.036	.91
IRrab-26-7	1429, 3293, 3294	AWM	26	.14	7 x 34	.0105	.27	.040	1.02
IRrab-24-7	1429, 3293, 3294	AWM	24	.23	7 x 32	.0105	.27	.045	1.14
IRrab-22-7	1429, 3293, 3294	AWM	22	.35	7 x 30	.0105	.27	.051	1.29
IRrab-20-19	1429, 3293, 3294	AWM	20	.62	19 x 32	.0105	.27	.059	1.50
IRrab-18-19	1429, 3293, 3294	AWM	18	.96	19 x 30	.0105	.27	.068	1.73
IRrab-16-19	1429, 3293, 3294	AWM	16	1.32	19 x .0117	.012	.30	.080	2.03