



Irradiation Cross-Linked Polymeric Insulation

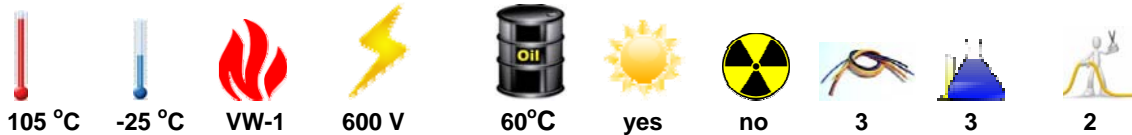
# EXAR<sup>®</sup> XPVC

## UL 1431 Type AWM

### 105°C 600 Volts

### ROHS Compliant

Champlain Cable announces **Exar<sup>®</sup> XPVC**, expanding the Exar family of products. This product line is multi rated for UL, CSA and Mil-Spec. Exar XPVC provides a lower cost, thin and flexible insulated hookup wire with a wide operating temperature range. Irradiation cross-linking assures this insulation will not melt or flow at soldering temperatures. It has excellent mechanical strength, cut through resistance and good chemical and solvent resistance. Exar XPVC processes very well on automated high speed cut and strip equipment. Cone-packs are available to maximize the through-put on the fastest automated equipment and reduce cost. The end result is a hookup wire ideally suited to applications where a combination of flexibility, size and performance is required. Standard product is available in stock in many different colors.



Product Number	Standard Conductors Tinned Copper	Nom. Dia of Conductor		Nom. Insulation Thickness		Nom OD		Finished Weight (lbs/mft)	UL Style
		in.	mm.	in.	mm.	in.	mm.		
1431-24/XX-B0	24 (7/32)	.024	.61	.030	.76	.088	2.23	4.72	1431
1431-24/XX-E0	24 (19/36)	.024	.61	.030	.76	.088	2.23	4.77	1431
1431-22/XX-A0	22 (1/22)	.025	.64	.030	.76	.089	2.26	5.35	1431
1431-22/XX-B0	22 (7/30)	.030	.76	.030	.76	.092	2.33	5.91	1431
1431-22/XX-E0	22 (19/34)	.031	.79	.030	.76	.095	2.41	6.04	1431
1431-20/XX-A0	22 (1/20)	.032	.81	.030	.76	.096	2.43	6.94	1431
1431-20/XX-B0	20 (7/28)	.038	.97	.030	.76	.102	2.59	7.66	1431
1431-20/XX-E0	20 (19/32)	.038	.97	.030	.76	.103	2.61	7.85	1431
1431-18/XX-A0	18 (1/18)	.040	1.02	.030	.76	.102	2.59	9.25	1431
1431-18/XX-B0	18 (7/0152)	.045	1.14	.030	.76	.105	2.67	9.64	1431
1431-18/XX-E0	18 (19/0092)	.045	1.14	.030	.76	.105	2.67	9.52	1431
1431-16/XX-A0	16 (1/16)	.051	1.30	.030	.76	.112	2.85	12.97	1431
1431-16/XX-E0	16 (19/0117)	.058	1.47	.030	.76	.122	3.09	13.36	1431
1431-14/XX-A0	14 (1/14)	.064	1.62	.030	.76	.128	3.25	18.30	1431
1431-14/XX-E0	14 (19/0147)	.073	1.85	.030	.76	.137	3.48	19.30	1431
1431-14/XX-H0	14 (41/30)	.073	1.85	.030	.76	.136	3.45	18.04	1431
1431-12/XX-E0	12 (19/0185)	.093	2.36	.030	.76	.154	3.91	26.68	1431
1431-12/XX-J0	12 (65/30)	.093	2.36	.030	.76	.150	3.81	27.54	1431
1431-10/XX-J0	10 (65/28)	.111	2.82	.030	.76	.172	4.37	40.82	1431
1431-08/XX-X0	8 (84/27)	.147	3.73	.045	1.14	.238	6.04	70.49	1431
1431-06/XX-X0	6 (84/25)	.183	4.65	.060	1.52	.305	7.75	114.28	1431
1431-04/XX-L0	4 (133/0167)	.263	6.68	.060	1.52	.385	9.78	171.90	1431
1431-02/XX-M0	2 (259/26)	.323	8.20	.060	1.52	.445	11.30	256.49	1431
1431-01/XX-M0	1 (259/25)	.372	9.45	.078	1.98	.532	13.51	336.09	1431
1431-1/XX-M0	1/0 (259/24)	.424	10.76	.078	1.98	.584	14.83	412.16	1431



**Manufacturing Locations:**  
 Colchester, Vermont  
 El Paso, TX  
 Leeds, Massachusetts