



INDUSTRIAL

Inventing *the Future* of Wire and Cable



EXAR[®] XPVC UL 1431 Type AWM Mil-W 16878F/3 105°C 600 Volts

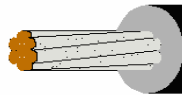
Champlain Cable announces **Exar[®] XPVC**, expanding the Exar family of products. This new product line is multi rated for UL, CSA and Mil-Spec. Exar XPVC provides a lower cost, thin and flexible insulated hookup wire with a wide operating temperature range. Irradiation cross-linking assures this insulation 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.

Benefits and Features

- UL/CSA 105°C, 600V
- Mil-W 16878/1 105°C, 3000V
- High Heat and Burn through Resistance
- VW-1 Flame Resistance Rating
- Superior Processing
- Products are Available in Stock
- RoHS Compliant

Applications

- Including but not limited to:
- Automotive Components
 - Communication
 - Computers
 - Data Processing
 - Military
 - Test Equipment
 - Appliances
 - Medical Electronics



Champlain Cable Corporation

Part 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-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

* Ampacity 150°C rated single-insulated conductor in free air at 40°C ambient air temperature

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