



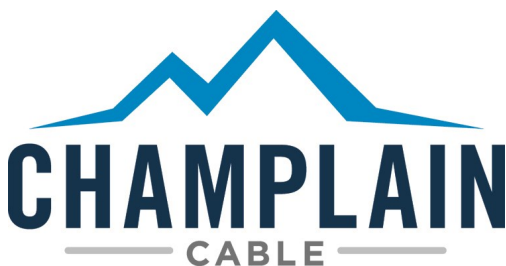
# 150 UL 3265 AWM

UL 3265, CSA, 125°C, 150V

- Irradiation Crosslinked EXAR® Polyolefin
- Excellent Oil and Chemical Resistance
- Won't Melt, Creep or Flow
- Mechanically Tough
- Cuts and strips consistently on the latest high-speed equipment
- Very Cost Effective 125°C Hook-up Wire



Product Number	Conductor Tin Copper	Nom. Conductor Diameter		Nom. Insulation Thickness		Nom. Finished Diameter		Nom. Finished Weight (lbs/mft)	Ampacity 40°C, Free Air
		i n.	mm.	i n.	mm.	i n.	mm.		
3265-26/XX-A0	26 (1/26)	.015	.38	.010	.25	.038	0.97	1.32	3
3265-26/XX-B0	26 (7/34)	.019	.48	.010	.25	.040	1.02	1.49	3
3265-26/XX-E0	26 (19/38)	.020	.51	.010	.25	.040	1.02	1.55	3
3265-24/XX-A0	24 (1/24)	.020	.51	.010	.25	.042	1.07	1.86	7
3265-24/XX-B0	24 (7/32)	.024	.61	.010	.25	.045	1.14	2.09	7
3265-24/XX-E0	24 (19/36)	.024	.61	.010	.25	.045	1.14	2.14	7
3265-22/XX-A0	22 (1/22)	.027	.64	.010	.25	.047	1.19	2.68	14
3265-22/XX-B0	22 (7/30)	.030	.76	.010	.25	.051	1.26	3.00	14
3265-22/XX-E0	22 (19/34)	.031	.79	.010	.25	.052	1.32	3.12	14
3265-20/XX-A0	20 (1/20)	.032	.81	.010	.25	.054	1.37	3.97	18
3265-20/XX-B0	20 (7/28)	.038	.97	.010	.25	.059	1.50	4.45	18
3265-20/XX-E0	20 (19/32)	.038	.97	.010	.25	.060	1.52	4.67	18
3265-18/XX-A0	18 (1/18)	.040	1.02	.010	.25	.062	1.58	5.93	25
3265-18/XX-B0	18 (7/.0152)	.045	1.14	.010	.25	.066	1.67	6.13	25
3265-18/XX-D0	18 (16/30)	.045	1.14	.010	.25	.066	1.67	6.05	25
3265-16/XX-F0	16 (26/30)	.058	1.47	.010	.25	.078	1.98	9.42	31

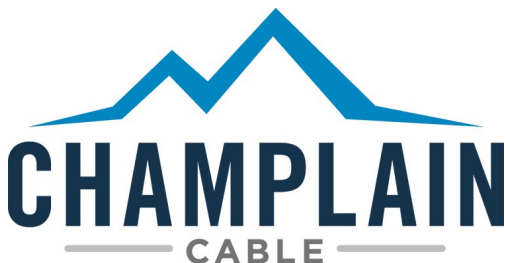




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PROPERTIES	EXAR 150	
<b>Approvals / Listings:</b>		
UL	UL 3265	
CSA	AWM	
<b>Physical:</b>		
Temperature Rating	125 °C	
Voltage Rating (Vrms)	150V	
Flexibility: 7 days @ 136 °C	Pass	
Cold Bend: 4h @ -70°C	Pass	
<b>Tensile Strength:</b>		
Unaged	2000psi	
Retention after 7 days @ 150° C	2010 psi	
<b>Elongation:</b>		
Unaged	250%	
Retention after 7 days @ 150°C	235%	
<b>Flame Test:</b>		
UL VW-1	Pass	
<b>Chemical Resistance</b>		
Acetone	Swell @ 23°C**	5-10%
Acid - H2SO4 S.G. 1.260 5%	Swell @ 23°C**	1.0%
Engine Oil - ASTM D-471 IRM-902	Swell @ 110°C**	1.8%
Benzene	Swell @ 23°C/24h	Not recommended
Epoxy	Swell @ 23°C/24h	<5%
Gasoline - ASTM D-471 Fuel C	Swell @ 23°C**	<1%
Methanol	Swell @ 23°C/24h	<1%
Toluene	Swell @ 23°C/24h	Not recommended
Xylene	Swell @ 23°C/24h	Not recommended
<b>Electrical:</b>		
Dielectric Constant 150/100MHz		3.1
Dielectric breakdown strength (Vrms)		12,000 volts
<b>Oxygen Index: (D2868 Standard)</b>		25

We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product combination for their own purpose. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss and damage arising from the handling and use of our products whether used alone or in combination with other products



## Manufacturing Locations:

Colchester, Vermont

El Paso, Texas

[www.champcable.com](http://www.champcable.com)