

XL-Dur® (High-Temperature) and SIS (Switchboard) Wire

UL AWM Style 3436 and 3321 XL-Dur — 600V, 150°C (CSA Type CL1251 and AWM)

Product Description

This series of chemically cross-linked polyethylene lead wire is available for higher temperature applications. It is UL Recognized to 600V, 150°C. As with other cross-linked lead wire, it has excellent heat aging characteristics in combination with excellent electrical and physical properties.



Stranded tinned copper conductor

UL Type SIS — 600V, 90°C (UL)

Product Description

For wiring switchboards, panelboards, distribution boards, including instrument and control wiring in these applications. The wire is covered by a separator for improved strippability.



Separator
Stranded tinned copper conductor

Part No.	AWG (stranding) [sq. mm] (stranding in mm)	Insulation Thickness		Nominal OD		Standard Lengths		Standard Unit Weight		Stock Colors (See Color Codes Chart on Page 3.29)
		Inch	mm	Inch	mm	Ft.	m	Lbs.	kg	

600V, 150°C (UL & CSA)

UL AWM Style 3436 and 3321 • CSA Type CL1251 and AWM										
35420	20 (10x30) [.51 (10x.25)]	.030	.76	.102	2.59	500 [†]	152.4	4.5	2.0	9
35418	18 (16x30) [.81 (16x.25)]	.030	.76	.110	2.79	500 [†]	152.4	5.5	2.5	9, 10
						5000 [†]	1524.0	50.0	22.7	10
35416	16 (26x30) [1.32 (26x.25)]	.030	.76	.123	3.12	500 [†]	152.4	7.5	3.4	9, 10
						5000 [†]	1524.0	70.0	31.8	9, 10
35414	14 (41x30) [2.08 (41x.25)]	.030	.76	.138	3.51	500 [†]	152.4	10.0	4.5	9, 10
						5000 [†]	1524.0	95.0	43.2	9, 10
35412	12 (65x30) [3.29 (65x.25)]	.030	.76	.153	3.89	500 [†]	152.4	14.5	6.6	9, 10
						5000 [†]	1524.0	140.0	63.6	9, 10
35410	10 (65x28) [5.23 (65x.32)]	.030	.76	.177	4.50	500 [†]	152.4	20.0	9.1	9, 10
						5000 [†]	1524.0	210.0	95.5	9, 10

[†]Spools may contain more than one piece. Length may vary ±10% from length shown.

600V, 90°C (UL)

UL Type SIS • VW-1										
31014	14 (41x30) [2.08 (41x.25)]	.030	.76	.144	3.66	2500 [†]	762.2	50.0	22.7	8
						5000 ^{††}	1524.0	105.0	47.7	8
31012	12 (65x30) [3.29 (65x.25)]	.030	.76	.167	4.24	3000 ^{††}	914.4	93.0	42.3	8
31010	10 (65x28) [5.23 (65x.32)]	.030	.76	.184	4.67	2500 [†]	762.2	105.0	47.7	8
31008	8 (133x29) [8.60 (133x.29)]	.045	1.14	.268	6.75	2500 [†]	762.2	190.0	86.4	8
UL Type SIS										
31014N	14 (41x30) [2.08 (41x.25)]	.030	.76	.144	3.66	2500 [†]	762.2	52.5	23.9	8
31012N	12 (65x30) [3.29 (65x.25)]	.030	.76	.167	4.24	2500 [†]	762.2	77.5	35.2	8
31010N	10 (65x28) [5.23 (65x.32)]	.030	.76	.184	4.67	2500 [†]	762.2	107.5	48.9	8
31008N	8 (133x29) [8.60 (133x.29)]	.045	1.14	.268	6.75	2500 [†]	762.2	192.5	87.3	8

[†]Spools may contain more than one piece. Length may vary ±10% from length shown.

^{††}May contain more than one piece. Minimum length of any one piece is 200 ft.