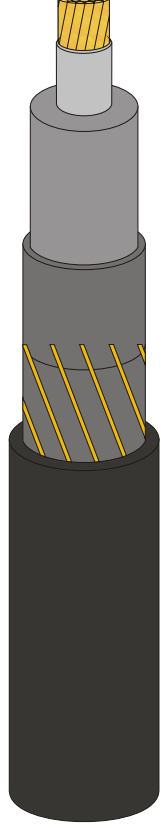


CONDUMEX VULCANEL CABLE

Primary URD 15 KV 1.33% Insulation Level

220 Mils TR-XLP Insulation



**CONDUMEX
WIRE AND CABLE**

Copper Conductor, Compressed Soft-drawn, Bare

Conductor		Copper Neutral (Full)				Diameter (Inches)				Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket	
2	7 wire	10	14	0.29	0.78	0.84	0.97	1.075	204.9	210.9	564	633	
1	19 wire	13	12	0.33	0.83	0.89	1.04	1.141	258.4	267.8	701	772	
1/0	19 wire	16	12	0.37	0.87	0.93	1.08	1.181	325.8	330.3	988	1069	
2/0	19 wire	20	12	0.42	0.91	0.96	1.10	1.207	410.9	421.4	1177	1257	
3/0	19 wire	16	12	0.47	0.96	1.03	1.19	1.291	518.1	527.9	1405	1486	
4/0	19 wire	20	12	0.53	1.02	1.12	1.29	1.389	653.3	663.3	1754	1836	

Conductor		Copper Neutral (1/3)				Diameter (Inches)				Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket	
2	7 wire	6	14	0.29	0.78	0.84	0.89	1.04	204.9	79.3	433	504	
1	19 wire	7	14	0.33	0.83	0.89	0.93	1.08	258.4	92.6	526	600	
1/0	19 wire	9	14	0.37	0.87	0.93	0.98	1.10	325.8	119.2	778	863	
2/0	19 wire	11	14	0.42	0.91	0.96	1.03	1.19	410.9	146.3	903	986	
3/0	19 wire	14	14	0.47	0.96	1.02	1.12	1.31	518.1	185.9	1065	1150	
4/0	19 wire	11	12	0.53	1.02	1.08	1.18	1.41	653.3	228.0	1320	1407	
250	37 wire	13	12	0.57	1.08	1.18	1.29	1.49	771.9	282.1	1564	1700	
350	37 wire	12	10	0.68	1.18	1.31	1.42	1.62	1081	398.0	2009	2174	
500	37 wire	17	10	0.81	1.31	1.51	1.61	1.81	1544	543.5	2781	2959	
750	61 wire	25	10	0.99	1.51	1.66	1.81	2.01	2316	801.5	3998	4196	
1000	61 wire	33	10	1.14	1.66	0.84	0.97	1.075	3088	1058	5112	5310	

Dimensions and weights are nominal, and subject to standard industry tolerances. Copper conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C
Temperatures: Short Circuit - 250° C

Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

Features: 1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.

2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.