

CASFLON™ 200 UL/cUL

Style 10086

-65°C to +200°C, 600V



Construction

Type: electrical wire

Core: bare, tin-plated, nickel-plated, or silver-plated copper

Insulation: ETFE

Production

Range width: AWG 30 to 4/0

Options: Please consult us for any special requirements

Application

General use: internal cabling for electrical appliances or electronic appliances

Industry: cabling for industrial machines

Electromechanics: cabling for rotating machines

Household appliances: cabling for household electrical heating appliances

General characteristics

Weather conditions: excellent resistance to UV

Chemical behaviors: excellent resistance to aggressive chemical environments

Humidity: excellent resistance to humidity

Mechanical behaviors: excellent mechanical strength

Thermal characteristics

Operating temperature: -65°C to +200 °C

Electrical characteristics

Operating Voltage: 600V

Test voltage: 1500 V

Approvals – Standards

“Horizontal flame”: as per UL approval

“FT1 flame rating”: as per UL approval

“VW-1 flame test”: as per UL approval

UL approval: as per standard UL 758

Casmocable Part No.	Wire gauge	Conductor structure			Conductor Diameter		Wall thickness		Final O.D.		Approx. Wt.	
	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)								
1311401	4/0	259	0.029	0.73	0.520	13.2	0.045	1.14	0.61	15.49	673.15	1042.1
1311402	3/0	259	0.026	0.65	0.461	11.71	0.045	1.14	0.55	14.00	535.64	833.53
1311403	2/0	259	0.023	0.59	0.417	10.6	0.045	1.14	0.51	12.89	442.87	692.52
1311404	1/0	259	0.020	0.52	0.366	9.29	0.045	1.14	0.46	11.58	345.77	544.54
1311405	1	259	0.019	0.47	0.333	8.46	0.035	0.89	0.42	10.24	289.76	458.98
1311406	2	259	0.016	0.40	0.285	7.25	0.035	0.89	0.35	9.03	205.96	323.75
1311407	4	133	0.019	0.49	0.239	6.06	0.025	0.64	0.30	7.33	146.74	233.23
1311408	6	266	0.010	0.25	0.188	4.78	0.025	0.64	0.25	6.05	94.36	152.7
1311409	8	168	0.010	0.25	0.150	3.8	0.025	0.64	0.21	5.07	61.95	102.49
1311410	10	37	0.017	0.43	0.118	3.01	0.015	0.38	0.15	3.77	39.67	59.03
1311411	12	19	0.019	0.49	0.096	2.45	0.015	0.38	0.13	3.21	23.41	34.84
1311412	14	19	0.015	0.37	0.073	1.85	0.010	0.25	0.09	2.36	16.6	24.40
1311413	16	19	0.012	0.3	0.059	1.50	0.010	0.25	0.08	2.01	11.61	16.40
1311414	17	19	0.010	0.26	0.051	1.30	0.010	0.25	0.07	1.81	9.64	14.80
1311415	18	19	0.009	0.23	0.045	1.15	0.010	0.25	0.07	1.66	7.67	13.10
1311416	20	19	0.007	0.19	0.037	0.95	0.010	0.25	0.06	1.46	5.31	7.90
		1	0.031	0.8	0.031	0.80	0.010	0.25	0.05	1.31	5.20	7.74
1311417	22	19	0.006	0.16	0.031	0.80	0.010	0.25	0.05	1.31	4.19	6.24

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CAUTION

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1311418	24	7	0.008	0.2	0.024	0.60	0.010	0.25	0.04	1.11	3.17	4.72
		1	0.020	0.5	0.020	0.50	0.010	0.25	0.04	1.01	2.97	4.42
1311419	26	7	0.006	0.16	0.019	0.48	0.010	0.25	0.04	0.99	2.30	3.42
		1	0.016	0.4	0.016	0.40	0.010	0.25	0.04	0.91	2.20	3.27
1311420	28	7	0.005	0.12	0.014	0.36	0.010	0.25	0.03	0.87	1.68	2.50
		1	0.013	0.32	0.013	0.32	0.010	0.25	0.03	0.83	1.63	2.43
1311421	30	7	0.004	0.1	0.012	0.30	0.010	0.25	0.03	0.81	1.40	2.08
		1	0.010	0.254	0.010	0.25	0.010	0.25	0.03	0.76	1.34	1.99

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