

CASFLON™ 200 UL/cUL

Style 1887

-65°C to +200°C, 600V



Construction

Type: electrical wire
Core: bare, tin-plated, nickel-plated, or silver-plated copper
Insulation: FEP

Production

Range width: AWG 32 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)								
1311101	4/0	259	0.029	0.73	0.520	13.2	0.030	0.76	0.61	14.72	673.15	1042.1
1311102	3/0	259	0.026	0.65	0.461	11.71	0.030	0.76	0.55	13.23	535.64	833.53
1311103	2/0	259	0.023	0.59	0.417	10.6	0.030	0.76	0.51	12.12	442.87	692.52
1311104	1/0	259	0.020	0.52	0.366	9.29	0.030	0.76	0.46	10.81	345.77	544.54
1311105	1	259	0.019	0.47	0.333	8.46	0.030	0.76	0.42	9.98	289.76	458.98
1311106	2	259	0.016	0.40	0.285	7.25	0.020	0.51	0.35	8.27	205.96	323.75
1311107	4	133	0.019	0.49	0.239	6.06	0.020	0.51	0.30	7.08	146.74	233.23
1311108	6	266	0.010	0.25	0.188	4.78	0.020	0.51	0.25	5.80	94.36	152.7
1311109	8	168	0.010	0.25	0.150	3.8	0.020	0.51	0.21	4.82	61.95	102.49
1311110	10	37	0.017	0.43	0.118	3.01	0.014	0.36	0.15	3.72	39.67	59.03
1311111	12	19	0.019	0.49	0.096	2.45	0.014	0.36	0.12	3.16	23.41	34.84
1311112	14	19	0.015	0.37	0.073	1.85	0.014	0.36	0.10	2.56	16.6	24.40
1311113	16	19	0.012	0.3	0.059	1.50	0.014	0.36	0.09	2.21	11.61	16.40
1311114	17	19	0.010	0.26	0.051	1.30	0.014	0.36	0.08	2.01	9.64	14.80
1311115	18	19	0.009	0.23	0.045	1.15	0.014	0.36	0.07	1.86	7.67	13.10
1311116	20	19	0.007	0.19	0.037	0.95	0.014	0.36	0.07	1.66	5.31	7.90
		1	0.031	0.8	0.031	0.80	0.014	0.36	0.06	1.51	5.20	7.74

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CAUTION

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			(in)	(mm)								
1311117	22	19	0.006	0.16	0.031	0.80	0.014	0.36	0.06	1.51	4.19	6.24
		1	0.026	0.65	0.026	0.65	0.014	0.36	0.05	1.36	4.00	5.95
1311118	24	7	0.008	0.2	0.024	0.60	0.014	0.36	0.05	1.31	3.17	4.72
		1	0.020	0.5	0.020	0.50	0.014	0.36	0.05	1.21	2.97	4.42
1311119	26	7	0.006	0.16	0.019	0.48	0.014	0.36	0.05	1.19	2.30	3.42
		1	0.016	0.4	0.016	0.40	0.014	0.36	0.04	1.11	2.20	3.27
1311120	28	7	0.005	0.12	0.014	0.36	0.014	0.36	0.04	1.07	1.68	2.50
		1	0.013	0.32	0.013	0.32	0.014	0.36	0.04	1.03	1.63	2.43
1311121	30	7	0.004	0.1	0.012	0.30	0.014	0.36	0.04	1.01	1.40	2.08
		1	0.010	0.254	0.010	0.25	0.014	0.36	0.04	0.96	1.34	1.99

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