

CASFLON™ 200 UL/cUL

Style 1723

-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 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

Casmo Part No.	Wire gauge (AWG)	Conductor structure			Conductor Diameter		Wall thickness		Final O.D.		Approx. Wt.	
		# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb./kft)	(kg/km)
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
1311117	22	19	0.006	0.16	0.031	0.80	0.014	0.36	0.06	1.51	4.19	6.24

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	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)								
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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