

CASFLON™ 200 UL/cUL

Style 1709/1929
-65°C to +200°C, 300V



Construction

Type: electrical wire
Core: bare, tin-plated, nickel-plated, or silver-plated copper
Insulation: PFA
Production
Range width: AWG 32 to 10
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: 300V
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 (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)
			(in)	(mm)								
1310601	10	37	0.017	0.43	0.119	3.01	0.013	0.33	0.14	3.67	34.90	51.93
1310602	12	19	0.019	0.49	0.096	2.45	0.013	0.33	0.12	3.11	23.47	34.93
1310603	14	19	0.015	0.37	0.073	1.85	0.013	0.33	0.10	2.51	17.10	24.40
1310604	16	19	0.012	0.3	0.059	1.5	0.013	0.33	0.09	2.16	11.00	16.40
1310605	17	19	0.010	0.26	0.051	1.3	0.013	0.33	0.08	1.96	9.85	14.80
1310606	18	19	0.009	0.23	0.045	1.15	0.013	0.33	0.07	1.81	8.70	13.10
1310607	20	19	0.007	0.19	0.037	0.95	0.013	0.33	0.06	1.61	5.12	7.62
		1	0.031	0.8	0.031	0.8	0.013	0.33	0.06	1.46	5.03	7.49
1310608	22	19	0.006	0.16	0.031	0.8	0.013	0.33	0.06	1.46	4.29	6.38
		1	0.026	0.65	0.026	0.65	0.013	0.33	0.05	1.31	3.65	5.43
1310609	24	7	0.008	0.2	0.024	0.6	0.013	0.33	0.05	1.26	3.13	4.66
		1	0.020	0.5	0.020	0.5	0.013	0.33	0.05	1.16	3.13	4.66
1310610	26	7	0.006	0.16	0.019	0.48	0.013	0.33	0.04	1.14	2.36	3.51
		1	0.016	0.4	0.016	0.4	0.013	0.33	0.04	1.06	2.09	3.11
1310611	28	7	0.005	0.12	0.014	0.36	0.013	0.33	0.04	1.02	1.91	2.84
		1	0.013	0.32	0.013	0.32	0.013	0.33	0.04	0.98	1.68	2.50
1310612	30	7	0.004	0.1	0.012	0.3	0.013	0.33	0.04	0.96	1.52	2.26
		1	0.010	0.254	0.010	0.254	0.013	0.33	0.04	0.914	1.38	2.05

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CAUTION

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			(in)	(mm)								
1310613	32	7	0.003	0.08	0.009	0.24	0.013	0.33	0.04	0.90	1.29	1.92
		1	0.008	0.20	0.008	0.2	0.013	0.33	0.03	0.86	1.09	1.62

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