

CASFLON™ 250 UL/cUL

Style 1815

-65°C to +250°C, 300V



Construction

Type: electrical wire

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

Insulation: PTFE

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 +250 °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	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)								
1410101	10	37	0.017	0.43	0.119	3.01	0.013	0.33	0.144	3.67	34.90	51.93
1410102	12	19	0.019	0.49	0.096	2.45	0.013	0.33	0.122	3.11	23.47	34.93
1410103	14	19	0.015	0.37	0.073	1.85	0.013	0.33	0.099	2.51	17.10	24.40
1410104	16	19	0.012	0.3	0.059	1.5	0.013	0.33	0.085	2.16	11.00	16.40
1410105	17	19	0.010	0.26	0.051	1.3	0.013	0.33	0.077	1.96	9.85	14.80
1410106	18	19	0.009	0.23	0.045	1.15	0.013	0.33	0.071	1.81	8.70	13.10
1410107	20	19	0.007	0.19	0.037	0.95	0.013	0.33	0.063	1.61	5.12	7.62
		1	0.031	0.8	0.031	0.8	0.013	0.33	0.057	1.46	5.03	7.49
1410108	22	19	0.006	0.16	0.031	0.8	0.013	0.33	0.057	1.46	4.29	6.38
		1	0.026	0.65	0.026	0.65	0.013	0.33	0.052	1.31	3.65	5.43
1410109	24	7	0.008	0.2	0.024	0.6	0.013	0.33	0.050	1.26	3.13	4.66
		1	0.020	0.5	0.020	0.5	0.013	0.33	0.046	1.16	3.13	4.66
1410110	26	7	0.006	0.16	0.019	0.48	0.013	0.33	0.045	1.14	2.36	3.51
		1	0.016	0.4	0.016	0.4	0.013	0.33	0.042	1.06	2.09	3.11
1410111	28	7	0.005	0.12	0.014	0.36	0.013	0.33	0.040	1.02	1.91	2.84
		1	0.013	0.32	0.013	0.32	0.013	0.33	0.039	0.98	1.68	2.50
1410112	30	7	0.004	0.1	0.012	0.3	0.013	0.33	0.038	0.96	1.52	2.26
		1	0.010	0.254	0.010	0.254	0.013	0.33	0.036	0.914	1.38	2.05

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CAUTION

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			(in)	(mm)								
1410113	32	7	0.003	0.08	0.009	0.24	0.013	0.33	0.035	0.90	1.29	1.92
		1	0.008	0.20	0.008	0.2	0.013	0.33	0.034	0.86	1.09	1.62

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