

CASFLON™ 250 UL/cUL

Style 10486
-65°C to +250°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 +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 (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)
1410901	10	37	0.017	0.43	0.119	3.01	0.009	0.23	0.137	3.47	31.94	47.53
1410902	12	19	0.019	0.49	0.096	2.45	0.009	0.23	0.115	2.91	21.49	31.97
1410903	14	19	0.015	0.37	0.073	1.85	0.009	0.23	0.091	2.31	16.41	24.43
1410904	16	19	0.012	0.3	0.059	1.5	0.009	0.23	0.077	1.96	9.98	14.84
1410905	17	19	0.010	0.26	0.051	1.3	0.009	0.23	0.069	1.76	8.29	12.33
1410906	18	19	0.009	0.23	0.045	1.15	0.009	0.23	0.063	1.61	6.60	9.81
1410907	20	19	0.007	0.19	0.037	0.95	0.009	0.23	0.056	1.41	4.44	6.61
		1	0.031	0.8	0.031	0.8	0.009	0.23	0.050	1.26	4.30	6.40
1410908	22	19	0.006	0.16	0.031	0.8	0.009	0.23	0.050	1.26	3.25	4.83
		1	0.026	0.65	0.026	0.65	0.009	0.23	0.044	1.11	2.63	3.91
1410909	24	7	0.008	0.2	0.024	0.6	0.009	0.23	0.042	1.06	2.27	3.38
		1	0.020	0.5	0.020	0.5	0.009	0.23	0.038	0.96	2.06	3.07
1410910	26	7	0.006	0.16	0.019	0.48	0.009	0.23	0.037	0.94	1.67	2.48
		1	0.016	0.4	0.016	0.4	0.009	0.23	0.034	0.86	1.46	2.17
1410911	28	7	0.005	0.12	0.014	0.36	0.009	0.23	0.032	0.82	1.32	1.96
		1	0.013	0.32	0.013	0.32	0.009	0.23	0.031	0.78	1.25	1.86
1410912	30	7	0.004	0.1	0.012	0.3	0.009	0.23	0.030	0.76	1.04	1.55
		1	0.010	0.254	0.010	0.254	0.009	0.23	0.028	0.714	0.89	1.33

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CAUTION

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	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)								
1410913	32	7	0.003	0.08	0.009	0.24	0.009	0.23	0.028	0.7	0.83	1.23
		1	0.008	0.20	0.008	0.2	0.009	0.23	0.026	0.66	0.76	1.13

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