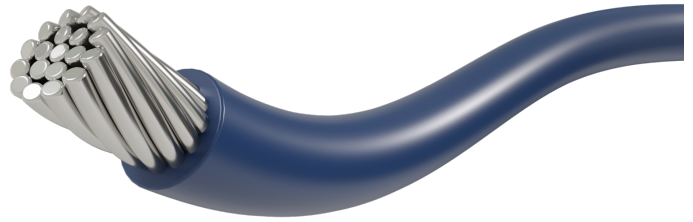


# CASFLON™ 250 UL/cUL

**Style 1882**  
-65°C to +250°C, 150V



## Construction

**Type:** electrical wire

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

**Insulation:** PFA

## Production

**Range width:** AWG 32 to 16

**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:** 150V

**Test voltage:** 1300 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)								
1410701	16	19	0.012	0.3	0.059	1.5	0.009	0.23	0.077	1.96	9.98	14.84
1410702	17	19	0.010	0.26	0.051	1.3	0.009	0.23	0.069	1.76	8.29	12.33
1410703	18	19	0.009	0.23	0.045	1.15	0.009	0.23	0.063	1.61	6.60	9.81
1410704	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
1410705	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
1410706	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
1410707	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
1410708	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
1410709	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
1410710	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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**CAUTION**

The information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact Casmo Cable for dimensional verification, information herein is believed to be accurate as of the publication date; however, if an error exists it is unintentional and Casmo Cable is not responsible for any claim traceable to such error.

