

# CASFLON™ 250 UL/cUL

**Style 10362**  
-65°C to +250°C, 600V



## Construction

**Type:** electrical wire

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

**Insulation:** PFA

## Production

**Range width:** AWG 30 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:** 600V

**Test voltage:** 2000 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	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)
1411201	10	37	0.017	0.43	0.119	3.01	0.010	0.26	0.14	3.53	31.94	47.53
1411202	12	19	0.019	0.49	0.096	2.45	0.010	0.26	0.12	2.97	21.49	31.97
1411203	14	19	0.015	0.37	0.073	1.85	0.010	0.26	0.09	2.37	16.41	24.43
1411204	16	19	0.012	0.3	0.059	1.5	0.010	0.26	0.08	2.02	10.25	15.25
1411205	17	19	0.010	0.26	0.051	1.3	0.010	0.26	0.07	1.82	8.53	12.69
1411206	18	19	0.009	0.23	0.045	1.15	0.010	0.26	0.07	1.67	6.80	10.12
1411207	20	19	0.007	0.19	0.037	0.95	0.010	0.26	0.06	1.47	4.72	7.02
		1	0.031	0.8	0.031	0.8	0.010	0.26	0.05	1.32	4.43	6.59
1411208	22	19	0.006	0.16	0.031	0.8	0.010	0.26	0.05	1.32	3.48	5.18
		1	0.026	0.65	0.026	0.65	0.010	0.26	0.05	1.17	3.03	4.51
1411209	24	7	0.008	0.2	0.024	0.6	0.010	0.26	0.04	1.12	2.38	3.54
		1	0.020	0.5	0.020	0.5	0.010	0.26	0.04	1.02	2.16	3.21
1411210	26	7	0.006	0.16	0.019	0.48	0.010	0.26	0.04	1.00	1.77	2.63
		1	0.016	0.4	0.016	0.4	0.010	0.26	0.04	0.92	1.55	2.31
1411211	28	7	0.005	0.12	0.014	0.36	0.010	0.26	0.03	0.88	1.32	1.96
		1	0.013	0.32	0.013	0.32	0.010	0.26	0.03	0.84	1.18	1.76
1411212	30	7	0.004	0.1	0.012	0.3	0.010	0.26	0.03	0.82	1.06	1.58
		1	0.010	0.254	0.010	0.254	0.010	0.26	0.03	0.774	0.92	1.37

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