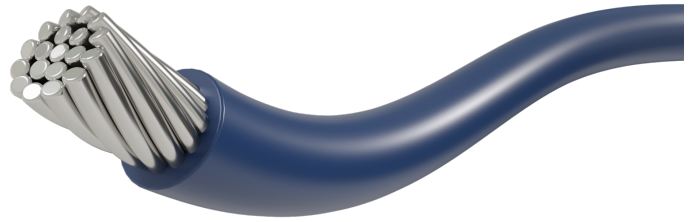


# CASFLON™ 250 UL/cUL

**Style 10142**  
-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 24 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

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)								
1411101	10	37	0.017	0.43	0.119	3.01	0.022	0.56	0.163	4.13	42.74	63.60
1411102	12	19	0.019	0.49	0.096	2.45	0.022	0.56	0.141	3.57	28.90	43.00
1411103	14	19	0.015	0.37	0.073	1.85	0.022	0.56	0.117	2.97	19.42	24.40
1411104	16	19	0.012	0.3	0.059	1.5	0.022	0.56	0.103	2.62	13.91	16.40
1411105	17	19	0.010	0.26	0.051	1.3	0.022	0.56	0.095	2.42	0.00	14.80
1411106	18	19	0.009	0.23	0.045	1.15	0.022	0.56	0.089	2.27	11.16	13.10
1411107	20	19	0.007	0.19	0.037	0.95	0.022	0.56	0.081	2.07	8.27	12.30
		1	0.031	0.8	0.031	0.8	0.022	0.56	0.076	1.92	7.46	11.10
1411108	22	19	0.006	0.16	0.031	0.8	0.022	0.56	0.076	1.92	6.23	9.27
		1	0.026	0.65	0.026	0.65	0.022	0.56	0.070	1.77	5.45	8.11
1411109	24	7	0.008	0.2	0.024	0.6	0.022	0.56	0.068	1.72	4.91	7.30
		1	0.020	0.5	0.020	0.5	0.022	0.56	0.064	1.62	4.43	6.59

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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.

