

# CASFLON™ 150 UL/cUL

**Style 1212/1213**  
-65°C to +80°C / 105°C



## Construction

**Type:** electrical wire  
**Core:** bare, tin-plated, nickel-plated, or silver-plated copper  
**Insulation:** PTFE

## Production

**Range width:** AWG 36 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 +80°C / 105°C

## Electrical characteristics

**Operating Voltage:** no requirements  
**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

Casmoc 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)								
1110101	10	37	0.017	0.43	0.119	3.01	0.008	0.21	0.135	3.43	34.90	51.93
1110102	12	19	0.019	0.49	0.096	2.45	0.008	0.21	0.113	2.87	23.47	34.93
1110103	14	19	0.015	0.37	0.073	1.85	0.008	0.21	0.089	2.27	15.00	22.32
1110104	16	19	0.012	0.3	0.059	1.5	0.008	0.21	0.076	1.92	9.70	14.43
1110105	17	19	0.010	0.26	0.051	1.3	0.008	0.21	0.068	1.72	8.05	11.97
1110106	18	19	0.009	0.23	0.045	1.15	0.008	0.21	0.062	1.57	6.39	9.51
1110107	20	19	0.007	0.19	0.037	0.95	0.008	0.21	0.054	1.37	4.16	6.19
		1	0.031	0.8	0.031	0.8	0.008	0.21	0.048	1.22	4.17	6.21
1110108	22	19	0.006	0.16	0.031	0.8	0.008	0.21	0.048	1.22	3.01	4.48
		1	0.026	0.65	0.026	0.65	0.008	0.21	0.042	1.07	2.23	3.32
1110109	24	7	0.008	0.2	0.024	0.6	0.008	0.21	0.040	1.02	2.16	3.21
		1	0.002	0.05	0.020	0.5	0.008	0.21	0.036	0.92	1.96	2.92
1110110	26	7	0.006	0.16	0.019	0.48	0.008	0.21	0.035	0.90	1.56	2.32
		1	0.016	0.4	0.016	0.4	0.008	0.21	0.032	0.82	1.37	2.04
1110111	28	7	0.005	0.12	0.014	0.36	0.008	0.21	0.031	0.78	1.32	1.96
		1	0.013	0.32	0.013	0.32	0.008	0.21	0.029	0.74	1.32	1.96
1110112	30	7	0.004	0.1	0.012	0.3	0.008	0.21	0.028	0.72	1.02	1.52
		1	0.010	0.25	0.010	0.254	0.008	0.21	0.027	0.67	0.86	1.28

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			(in)	(mm)								
1110113	32	7	0.003	0.08	0.009	0.24	0.008	0.21	0.026	0.66	0.78	1.17
		1	0.008	0.20	0.008	0.2	0.008	0.21	0.024	0.62	0.69	1.03
1110114	34	7	0.002	0.06	0.007	0.18	0.008	0.21	0.024	0.60	0.73	1.09
		1	0.006	0.16	0.006	0.16	0.008	0.21	0.023	0.58	0.67	1.00
1110115	36	7	0.002	0.05	0.006	0.15	0.008	0.21	0.022	0.57	0.52	0.77
		1	0.005	0.12	0.005	0.12	0.008	0.21	0.021	0.54	0.50	0.74

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