

CASFLON™ 250 UL/cUL

Style 10818
-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 32 to 12

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

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)								
1411302	12	19	0.019	0.49	0.096	2.45	0.020	0.51	0.14	3.47	28.10	41.82
1411303	14	19	0.015	0.37	0.073	1.85	0.020	0.51	0.11	2.87	18.70	24.40
1411304	16	19	0.012	0.3	0.059	1.5	0.020	0.51	0.10	2.52	13.30	16.40
1411305	17	19	0.010	0.26	0.051	1.3	0.020	0.51	0.09	2.32	11.95	14.80
1411306	18	19	0.009	0.23	0.045	1.15	0.020	0.51	0.09	2.17	10.60	13.10
1411307	20	19	0.007	0.19	0.037	0.95	0.020	0.51	0.08	1.97	7.71	11.47
		1	0.031	0.8	0.031	0.8	0.020	0.51	0.07	1.82	7.00	10.42
1411308	22	19	0.006	0.16	0.031	0.8	0.020	0.51	0.07	1.82	5.78	8.60
		1	0.026	0.65	0.026	0.65	0.020	0.51	0.07	1.67	5.03	7.49
1411309	24	7	0.008	0.2	0.024	0.6	0.020	0.51	0.06	1.62	4.49	6.68
		1	0.020	0.5	0.020	0.5	0.020	0.51	0.06	1.52	4.01	5.97
1411310	26	7	0.006	0.16	0.019	0.48	0.020	0.51	0.06	1.50	3.65	5.43
		1	0.016	0.4	0.016	0.4	0.020	0.51	0.06	1.42	3.27	4.87
1411311	28	7	0.005	0.12	0.014	0.36	0.020	0.51	0.05	1.38	2.92	4.35
		1	0.013	0.32	0.013	0.32	0.020	0.51	0.05	1.34	2.78	4.14
1411312	30	7	0.004	0.1	0.012	0.3	0.020	0.51	0.05	1.32	2.53	3.76
		1	0.010	0.254	0.010	0.254	0.020	0.51	0.05	1.274	2.47	3.68
1411313	32	7	0.003	0.08	0.009	0.24	0.020	0.51	0.05	1.26	1.73	2.57

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