

CASFLON™ 150 UL/cUL

Style 1857

-65°C to 150°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 +150°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

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)								
1210401	16	19	0.012	0.3	0.059	1.5	0.010	0.26	0.080	2.02	10.25	15.25
1210402	17	19	0.010	0.26	0.051	1.3	0.010	0.26	0.072	1.82	8.53	12.69
1210403	18	19	0.009	0.23	0.045	1.15	0.010	0.26	0.066	1.67	6.80	10.12
1210404	20	19	0.007	0.19	0.037	0.95	0.010	0.26	0.058	1.47	4.72	7.02
		1	0.031	0.8	0.031	0.8	0.010	0.26	0.052	1.32	4.43	6.59
1210405	22	19	0.006	0.16	0.031	0.8	0.010	0.26	0.052	1.32	3.48	5.18
		1	0.026	0.65	0.026	0.65	0.010	0.26	0.046	1.17	3.03	4.51
1210406	24	7	0.008	0.2	0.024	0.6	0.010	0.26	0.044	1.12	2.38	3.54
		1	0.020	0.5	0.020	0.5	0.010	0.26	0.040	1.02	2.16	3.21
1210407	26	7	0.006	0.16	0.019	0.48	0.010	0.26	0.039	1.00	1.77	2.63
		1	0.016	0.4	0.016	0.4	0.010	0.26	0.036	0.92	1.55	2.31
1210408	28	7	0.005	0.12	0.014	0.36	0.010	0.26	0.035	0.88	1.32	1.96
		1	0.013	0.32	0.013	0.32	0.010	0.26	0.033	0.84	1.18	1.76
1210409	30	7	0.004	0.1	0.012	0.3	0.010	0.26	0.032	0.82	1.06	1.58
		1	0.010	0.254	0.010	0.254	0.010	0.26	0.030	0.774	0.92	1.37
1210410	32	7	0.003	0.08	0.009	0.24	0.010	0.26	0.030	0.76	0.87	1.29
		1	0.008	0.20	0.008	0.2	0.010	0.26	0.028	0.72	0.83	1.24

COPYRIGHT

This document is protected under copyright law and is the property of Casmo Cable. Data contained herein is confidential to Casmo Cable and this document and/or any part of the data contained herein may not be copied, duplicated, or released for the manufacturing or sale of equipment outside of Casmo Cable or any affiliates without the prior written authorization of Casmo Cable.

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.

