

# CASFLON™ 150 UL/cUL

## Style 1331

-65°C to +150°C, 600V



### Construction

**Type:** electrical wire

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

**Insulation:** FEP

### Production

**Range width:** AWG 32 to 4/0

**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:** 600V

**Test voltage:** 6000 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 (AWG)	Conductor structure			Conductor Diameter		Wall thickness		Final O.D.		Approx. Wt.	
		# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb./kft)	(kg/km)
1311001	4/0	259	0.029	0.73	0.520	13.2	0.045	1.14	0.61	15.50	700.44	1042.12
1311002	3/0	259	0.026	0.65	0.461	11.71	0.045	1.14	0.55	14.01	560.25	833.53
1311003	2/0	259	0.023	0.59	0.417	10.6	0.045	1.14	0.51	12.90	465.47	692.52
1311004	1/0	259	0.020	0.52	0.366	9.29	0.045	1.14	0.46	11.59	366.01	544.54
1311005	1	259	0.019	0.47	0.333	8.46	0.045	1.14	0.42	10.76	308.5	458.98
1311006	2	259	0.016	0.40	0.285	7.25	0.030	0.76	0.35	8.81	217.6	323.75
1311007	4	133	0.019	0.49	0.239	6.06	0.030	0.76	0.30	7.62	156.76	233.23
1311008	6	266	0.010	0.25	0.188	4.78	0.030	0.76	0.25	6.34	102.64	152.7
1311009	8	168	0.010	0.25	0.150	3.8	0.030	0.76	0.21	5.36	68.89	102.49
1311010	10	37	0.017	0.43	0.119	3.01	0.020	0.51	0.159	4.03	41.80	62.20
1311011	12	19	0.019	0.49	0.096	2.45	0.020	0.51	0.137	3.47	28.10	41.82
1311012	14	19	0.015	0.37	0.073	1.85	0.020	0.51	0.113	2.87	18.70	24.40
1311013	16	19	0.012	0.3	0.059	1.5	0.020	0.51	0.099	2.52	13.30	16.40
1311014	17	19	0.010	0.26	0.051	1.3	0.020	0.51	0.091	2.32	11.95	14.80
1311015	18	19	0.009	0.23	0.045	1.15	0.020	0.51	0.085	2.17	10.60	13.10
1311016	20	19	0.007	0.19	0.037	0.95	0.020	0.51	0.078	1.97	7.71	11.47
		1	0.031	0.8	0.031	0.8	0.020	0.51	0.072	1.82	7.00	10.42
1311017	22	19	0.006	0.16	0.031	0.8	0.020	0.51	0.072	1.82	5.78	8.60

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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.



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	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)								
1311018	24	7	0.008	0.2	0.024	0.6	0.020	0.51	0.064	1.62	4.49	6.68
		1	0.020	0.5	0.020	0.5	0.020	0.51	0.060	1.52	4.01	5.97
1311019	26	7	0.006	0.16	0.019	0.48	0.020	0.51	0.059	1.50	3.65	5.43
		1	0.016	0.4	0.016	0.4	0.020	0.51	0.056	1.42	3.27	4.87
1311020	28	7	0.005	0.12	0.014	0.36	0.020	0.51	0.054	1.38	2.92	4.35
		1	0.013	0.32	0.013	0.32	0.020	0.51	0.053	1.34	2.78	4.14
1311021	30	7	0.004	0.1	0.012	0.3	0.020	0.51	0.052	1.32	2.53	3.76
		1	0.010	0.254	0.010	0.254	0.020	0.51	0.050	1.274	2.47	3.68
1311022	32	7	0.003	0.08	0.009	0.24	0.020	0.51	0.050	1.26	1.73	2.57
		1	0.008	0.20	0.008	0.2	0.020	0.51	0.048	1.22	1.68	2.50