casmocable
CABLES FOR EXTREMES

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

Casmo 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)								
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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	(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