casmocable
CABLES FOR EXTREMES

CASFLON™ 150 UL/cUL

Style 1858

-65°C to 150°C, 300V

Construction
Type: electrical wire
Core: bare, tin-plated, nickel-plated, or silver-plated copper
Insulation: PFA

Production
Range width: AWG 32 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 +150°C

Electrical characteristics
Operating Voltage: 300V
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

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)								
1210501	10	37	0.017	0.43	0.119	3.01	0.013	0.33	0.144	3.67	34.90	51.93
1210502	12	19	0.019	0.49	0.096	2.45	0.013	0.33	0.122	3.11	23.47	34.93
1210503	14	19	0.015	0.37	0.073	1.85	0.013	0.33	0.099	2.51	17.10	24.40
1210504	16	19	0.012	0.3	0.059	1.5	0.013	0.33	0.085	2.16	11.00	16.40
1210505	17	19	0.010	0.26	0.051	1.3	0.013	0.33	0.077	1.96	9.85	14.80
1210506	18	19	0.009	0.23	0.045	1.15	0.013	0.33	0.071	1.81	8.70	13.10
1210507	20	19	0.007	0.19	0.037	0.95	0.013	0.33	0.063	1.61	5.12	7.62
		1	0.031	0.8	0.031	0.8	0.013	0.33	0.057	1.46	5.03	7.49
1210508	22	19	0.006	0.16	0.031	0.8	0.013	0.33	0.057	1.46	4.29	6.38
		1	0.026	0.65	0.026	0.65	0.013	0.33	0.052	1.31	3.65	5.43
1210509	24	7	0.008	0.2	0.024	0.6	0.013	0.33	0.050	1.26	3.13	4.66
		1	0.020	0.5	0.020	0.5	0.013	0.33	0.046	1.16	3.13	4.66
1210510	26	7	0.006	0.16	0.019	0.48	0.013	0.33	0.045	1.14	2.36	3.51
		1	0.016	0.4	0.016	0.4	0.013	0.33	0.042	1.06	2.09	3.11
1210511	28	7	0.005	0.12	0.014	0.36	0.013	0.33	0.040	1.02	1.91	2.84
		1	0.013	0.32	0.013	0.32	0.013	0.33	0.039	0.98	1.68	2.50
1210512	30	7	0.004	0.1	0.012	0.3	0.013	0.33	0.038	0.96	1.52	2.26
		1	0.010	0.254	0.010	0.254	0.013	0.33	0.036	0.914	1.38	2.05

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			(in)	(mm)								
1210513	32	7	0.003	0.08	0.009	0.24	0.013	0.33	0.035	0.90	1.29	1.92
		1	0.008	0.20	0.008	0.2	0.013	0.33	0.034	0.86	1.09	1.62