

CASFLON™ 150 UL/cUL

Style 1591

-65°C to 150°C, 300V



Construction

Type: electrical wire

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

Insulation: FEP

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: 300V

Test voltage: 1500 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	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)								
1310901	16	19	0.012	0.3	0.059	1.5	0.016	0.41	0.091	2.32	11.99	17.84
1310902	17	19	0.010	0.26	0.051	1.3	0.016	0.41	0.083	2.12	10.75	16.00
1310903	18	19	0.009	0.23	0.045	1.15	0.016	0.41	0.078	1.97	9.51	14.16
1310904	20	19	0.007	0.19	0.037	0.95	0.016	0.41	0.070	1.77	6.23	9.27
		1	0.031	0.8	0.031	0.8	0.016	0.41	0.064	1.62	5.87	8.74
1310905	22	19	0.006	0.16	0.031	0.8	0.016	0.41	0.064	1.62	4.93	7.33
		1	0.026	0.65	0.026	0.65	0.016	0.41	0.058	1.47	4.24	6.31
1310906	24	7	0.008	0.2	0.024	0.6	0.016	0.41	0.056	1.42	3.71	5.53
		1	0.020	0.5	0.020	0.5	0.016	0.41	0.052	1.32	3.51	5.22
1310907	26	7	0.006	0.16	0.019	0.48	0.016	0.41	0.051	1.30	2.91	4.33
		1	0.016	0.4	0.016	0.4	0.016	0.41	0.048	1.22	2.60	3.86
1310908	28	7	0.005	0.12	0.014	0.36	0.016	0.41	0.046	1.18	2.34	3.49
		1	0.013	0.32	0.013	0.32	0.016	0.41	0.045	1.14	2.15	3.20
1310909	30	7	0.004	0.1	0.012	0.3	0.016	0.41	0.044	1.12	1.95	2.91
		1	0.010	0.254	0.010	0.254	0.016	0.41	0.042	1.074	1.85	2.75
1310910	32	7	0.003	0.08	0.009	0.24	0.016	0.41	0.042	1.06	1.48	2.20
		1	0.008	0.20	0.008	0.2	0.016	0.41	0.040	1.02	1.34	2.00

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