

CASPLAST™ UL/cUL

Style 1569

-30°C to +105°C, 300V



Construction

Type: electrical wire

Core: bare or tin-plated copper

Insulation: extruded PVC

Production

Range width: AWG 30 to 2

Options: Please consult us for any special requirements

Application

General use: internal cabling for electrical or electronic appliances, computers, etc.



General characteristics

Chemical behaviors: good resistance to aggressive chemical environments

Motion: good resistance to alternate bending

Thermal characteristics

Operating temperature: -30°C to +105°C

Electrical characteristics

Operating Voltage: 300V

Test voltage: 3000 V

Approvals – Standards

“Horizontal flame”: 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.	
	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)
			(in)	(mm)						
1111201	2	7/95	0.010	0.254	0.338	8.58	0.031	0.80	0.402	10.20
1111202	3	7/76	0.010	0.254	0.302	7.67	0.031	0.80	0.365	9.27
1111203	4	7/60	0.010	0.254	0.269	6.82	0.031	0.80	0.331	8.42
1111204	5	7/46	0.010	0.254	0.235	5.97	0.031	0.80	0.298	7.57
1111205	6	7/38	0.010	0.254	0.213	5.41	0.031	0.80	0.276	7.00
1111206	7	7/30	0.010	0.254	0.190	4.82	0.031	0.80	0.253	6.42
1111207	8	168	0.010	0.254	0.150	3.80	0.031	0.80	0.213	5.40
1111208	10	105	0.010	0.254	0.118	3.00	0.020	0.50	0.157	4.00
1111209	12	65	0.010	0.254	0.094	2.40	0.020	0.50	0.132	3.36
1111210	14	19	0.015	0.374	0.074	1.88	0.020	0.50	0.114	2.90
		41	0.010	0.254	0.074	1.88	0.020	0.50	0.114	2.90
1111211	16	26	0.010	0.254	0.059	1.50	0.016	0.40	0.091	2.30
1111212	18	34	0.007	0.18	0.048	1.21	0.016	0.40	0.079	2.00
		16	0.010	0.254	0.046	1.17	0.016	0.40	0.077	1.95
		41	0.006	0.16	0.046	1.18	0.016	0.40	0.077	1.95
		1	0.040	1.02	0.040	1.02	0.016	0.40	0.079	2.00
1111213	20	21	0.007	0.18	0.037	0.95	0.016	0.40	0.069	1.75
		1	0.032	0.813	0.032	0.813	0.016	0.40	0.063	1.61



COPYRIGHT

This document is protected under copyright law and is the property of Casmoc Cable. Data contained herein is confidential to Casmoc 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 Casmoc Cable or any affiliates without the prior written authorization of Casmoc Cable

CAUTION

The information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact Casmoc 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 Casmoc Cable is not responsible for any claim traceable to such error.

CASPLAST™ UL/cUL

Style 1569

-30°C to +105°C, 300V



Casmoc Part No.	Wire gauge	Conductor structure			Conductor Diameter		Wall thickness		Final O.D.	
	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)
			(in)	(mm)						
1111214	22	7	0.010	0.254	0.030	0.77	0.016	0.40	0.061	1.56
		17	0.006	0.16	0.030	0.76	0.016	0.40	0.061	1.56
1111215	24	11	0.006	0.16	0.024	0.61	0.016	0.40	0.056	1.41
		1	0.020	0.51	0.020	0.51	0.016	0.40	0.052	1.31
		7	0.008	0.20	0.024	0.61	0.016	0.40	0.056	1.41
1111216	26	19	0.004	0.1	0.020	0.50	0.016	0.40	0.051	1.30
		7	0.006	0.16	0.019	0.48	0.016	0.40	0.050	1.28
1111217	28	7	0.005	0.127	0.015	0.38	0.016	0.40	0.046	1.18
1111218	30	7	0.004	0.10	0.012	0.31	0.016	0.40	0.044	1.11



COPYRIGHT

This document is protected under copyright law and is the property of Casmoc Cable. Data contained herein is confidential to Casmoc 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 Casmoc Cable or any affiliates without the prior written authorization of Casmoc Cable.

CAUTION

The information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact Casmoc 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 Casmoc Cable is not responsible for any claim traceable to such error.