

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)
11111201	2	7/95	0.010	0.254	0.338	8.58	0.031	0.80	0.402	10.20
11111202	3	7/76	0.010	0.254	0.302	7.67	0.031	0.80	0.365	9.27
11111203	4	7/60	0.010	0.254	0.269	6.82	0.031	0.80	0.331	8.42
11111204	5	7/46	0.010	0.254	0.235	5.97	0.031	0.80	0.298	7.57
11111205	6	7/38	0.010	0.254	0.213	5.41	0.031	0.80	0.276	7.00
11111206	7	7/30	0.010	0.254	0.190	4.82	0.031	0.80	0.253	6.42
11111207	8	168	0.010	0.254	0.150	3.80	0.031	0.80	0.213	5.40
11111208	10	105	0.010	0.254	0.118	3.00	0.020	0.50	0.157	4.00
11111209	12	65	0.010	0.254	0.094	2.40	0.020	0.50	0.132	3.36
11111210	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
11111211	16	26	0.010	0.254	0.059	1.50	0.016	0.40	0.091	2.30
11111212	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
11111213	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



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	(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



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