

CASPLAST™ UL/cUL

Style 1015

-30°C to +105°C, 600V



Construction

Type: electrical wire

Core: bare or tin-plated copper

Insulation: extruded PVC

Production

Range width: AWG 22 to 9

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: 600V

Test voltage: 6000 V

Approvals – Standards

“Horizontal flame”: as per UL approval

UL approval: as per standard UL 758

cUL (CSA) approval : as per standard C22.2 N° 210

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)
11110501	9	133	0.010	0.254	0.133	3.38	0.031	0.8	0.196	4.98
11110502	10	105	0.010	0.254	0.118	3	0.031	0.8	0.181	4.6
		1	0.102	2.6	0.102	2.6	0.031	0.8	0.165	4.2
11110503	11	82	0.010	0.254	0.105	2.66	0.031	0.8	0.168	4.26
11110504	12	65	0.010	0.254	0.094	2.4	0.031	0.8	0.157	4
		19	0.020	0.5	0.099	2.52	0.031	0.8	0.162	4.12
		1	0.081	2.05	0.081	2.05	0.031	0.8	0.144	3.65
11110505	14	1	0.064	1.63	0.064	1.63	0.031	0.8	0.127	3.23
		19	0.015	0.374	0.074	1.88	0.031	0.8	0.138	3.5
		41	0.010	0.254	0.076	1.92	0.031	0.8	0.139	3.52
11110506	16	1	0.051	1.29	0.051	1.29	0.031	0.8	0.114	2.9
		19	0.012	0.3	0.059	1.51	0.031	0.8	0.122	3.1
		26	0.010	0.254	0.059	1.5	0.031	0.8	0.122	3.1
		65	0.006	0.16	0.059	1.5	0.031	0.8	0.122	3.1
11110507	18	41	0.006	0.16	0.046	1.17	0.031	0.8	0.108	2.75
		34	0.007	0.18	0.048	1.21	0.031	0.8	0.110	2.8
		16	0.010	0.254	0.046	1.17	0.031	0.8	0.108	2.75
		7	0.015	0.39	0.047	1.19	0.031	0.8	0.110	2.8



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CAUTION

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	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)
11110508	20	1	0.032	0.813	0.032	0.813	0.031	0.8	0.095	2.41
		21	0.007	0.18	0.037	0.95	0.031	0.8	0.100	2.55
		7	0.012	0.3	0.036	0.92	0.031	0.8	0.100	2.55
		26	0.006	0.16	0.037	0.94	0.031	0.8	0.100	2.55
11110509	22	17	0.006	0.16	0.030	0.76	0.031	0.8	0.093	2.36
		7	0.010	0.254	0.030	0.77	0.031	0.8	0.093	2.36
		1	0.026	0.65	0.026	0.65	0.031	0.8	0.089	2.25
11110510	24	7	0.008	0.2	0.024	0.61	0.031	0.8	0.087	2.2
		11	0.006	0.16	0.024	0.61	0.031	0.8	0.087	2.2
		1	0.020	0.51	0.020	0.51	0.031	0.8	0.083	2.1
11110511	26	7	0.006	0.16	0.019	0.48	0.031	0.8	0.083	2.1
11110512	28	7	0.005	0.127	0.015	0.38	0.031	0.8	0.078	1.98
11110513	30	7	0.004	0.1	0.012	0.3	0.031	0.8	0.075	1.9



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