CASPLAST™ UL/cUL

Style 1032

-30°C to +90°C, 1000V or 1200V

Construction

Type: electrical wire
Core: bare or tin-plated copper
Insulation: extruded PVC

Production

Range width: AWG 30 to 7
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 +90°C

Electrical characteristics

Operating Voltage: 1000V or 1200V
Test voltage: 3500 V

Approvals – Standards

"Horizontal flame": 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.	
	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)
			(in)	(mm)						
11110801	7	7/30	0.010	0.254	0.190	4.82	0.060	1.524	0.310	7.87
11110802	8	168	0.010	0.254	0.150	3.8	0.045	1.15	0.240	6.1
11110803	9	133	0.010	0.254	0.133	3.38	0.030	0.76	0.193	4.9
11110804	10	105	0.010	0.254	0.118	3	0.030	0.76	0.178	4.52
11110805	11	82	0.010	0.254	0.105	2.66	0.030	0.76	0.165	4.18
11110806	12	65	0.010	0.254	0.094	2.4	0.030	0.76	0.154	3.92
		1	0.081	2.05	0.081	2.05	0.030	0.76	0.141	3.57
11110807	13	52	0.010	0.254	0.083	2.12	0.030	0.76	0.143	3.64
11110808	14	1	0.064	1.63	0.064	1.63	0.030	0.76	0.124	3.15
		41	0.010	0.254	0.076	1.92	0.030	0.76	0.135	3.44
11110809	15	33	0.010	0.254	0.067	1.69	0.030	0.76	0.126	3.21
11110810	16	19	0.012	0.3	0.059	1.51	0.030	0.76	0.119	3.03
		26	0.010	0.254	0.059	1.5	0.030	0.76	0.119	3.02
11110811	18	41	0.006	0.16	0.046	1.17	0.030	0.76	0.106	2.69
		34	0.007	0.18	0.048	1.21	0.030	0.76	0.107	2.73
		16	0.010	0.254	0.046	1.17	0.030	0.76	0.106	2.69
		7	0.015	0.39	0.047	1.19	0.030	0.76	0.107	2.71
		1	0.040	1.02	0.040	1.02	0.030	0.76	0.100	2.54

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RoHS COMPLIANT REACH COMPLIANT

Casmo 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)						
11110812	20	1	0.032	0.813	0.032	0.813	0.030	0.76	0.092	2.33
		21	0.007	0.18	0.037	0.95	0.030	0.76	0.097	2.47
		7	0.012	0.3	0.036	0.92	0.030	0.76	0.096	2.44
		26	0.006	0.16	0.037	0.94	0.030	0.76	0.097	2.46
11110813	22	17	0.006	0.16	0.030	0.76	0.030	0.76	0.090	2.28
		7	0.010	0.254	0.030	0.77	0.030	0.76	0.090	2.29
		1	0.026	0.65	0.026	0.65	0.030	0.76	0.085	2.17
11110814	24	7	0.008	0.2	0.024	0.61	0.030	0.76	0.084	2.13
		11	0.006	0.16	0.024	0.61	0.030	0.76	0.084	2.13
		1	0.020	0.51	0.020	0.51	0.030	0.76	0.080	2.03
11110815	26	7	0.006	0.16	0.019	0.48	0.030	0.76	0.079	2
11110816	28	7	0.005	0.127	0.015	0.38	0.030	0.76	0.075	1.9
11110817	30	7	0.004	0.1	0.012	0.3	0.030	0.76	0.072	1.82