



1-1 Lead Wire

Lead Free Heat-resistant PVC insulated wire

UL Style No.1007 CSA Type TR-64

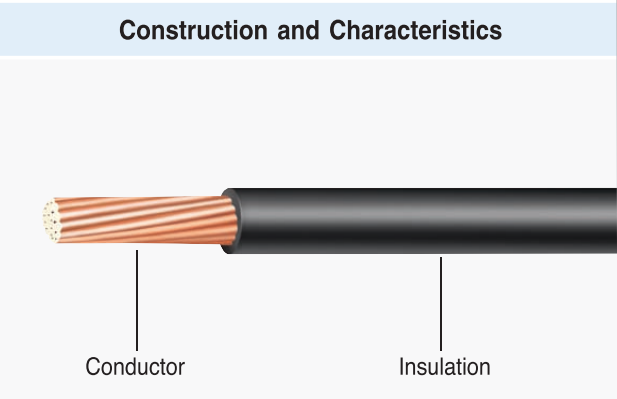
- Rating UL : 300V, 80°C / CSA : 300V (Peak 600V), 90°C
- Standard UL : UL Subject 758 / CSA : CSA C22.2 NO.127

Application

Internal wiring of electrical and electronic equipments (Secondary circuits lead wire).

Features

1. Standard : For both UL and CSA
2. Flame retardant : UL VW-1, CSA FT1, Material Control Law -F-
3. EU Directive RoHS : Restricted use of Pb, Cd, Hg, Cr+6, PBBs, PBDEs



Marking

1007 E52853 VW-1  AWM LL33908 CSA TR-64 90C FT1 AWG NO. LS Cable -F- LF

Type	Conductor			Insulation		Max. Cond. Resistance (20°C) (Ω/km)	Min. Insulation Resistance (15.6°C) (MΩ·km)	Dielectric Strength (AC) (V/1min)	Allowable Current (reference) (A)	Unit Length (m) (ft)
	Size (AWG)	Construction (No./mm)	Diameter (mm)	Nominal Thickness (mm)	Diameter (mm)					
Stranded	30	7/0.102	0.31	0.40	1.11	381.00	10	2,000	2.3	610(2,000)
	28	7/0.127	0.38	0.40	1.18	239.00	10	2,000	3.0	610(2,000)
	26	7/0.160	0.48	0.40	1.28	150.00	10	2,000	4.0	610(2,000)
	24	11/0.160	0.61	0.40	1.41	94.20	10	2,000	5.3	610(2,000)
	22	17/0.160	0.76	0.40	1.56	59.40	10	2,000	7.2	610(2,000)
	20	26/0.160	0.94	0.40	1.74	36.70	10	2,000	9.4	610(2,000)
	18	41/0.160	1.18	0.40	1.98	23.20	10	2,000	12.5	305(1,000)
	16	26/0.254	1.49	0.40	2.29	14.60	10	2,000	15.9	305(1,000)
Solid	30	1/0.254	0.26	0.40	1.06	361.00	10	2,000	2.3	610(2,000)
	28	1/0.320	0.32	0.40	1.12	227.00	10	2,000	3.0	610(2,000)
	26	1/0.404	0.40	0.40	1.20	143.00	10	2,000	4.0	610(2,000)
	24	1/0.511	0.51	0.40	1.31	89.30	10	2,000	5.3	610(2,000)
	22	1/0.643	0.64	0.40	1.44	56.40	10	2,000	7.2	610(2,000)
	20	1/0.813	0.81	0.40	1.61	35.20	10	2,000	9.4	610(2,000)
	18	1/1.024	1.02	0.40	1.82	22.20	10	2,000	12.5	305(1,000)
	16	1/1.290	1.29	0.40	2.09	14.00	10	2,000	15.9	305(1,000)
TA-SC	26	7/0.160	0.48	0.40	1.28	150.00	10	2,000	4.0	610(2,000)
	24	7/0.203	0.61	0.40	1.41	94.20	10	2,000	5.3	610(2,000)
	22	7/0.254	0.76	0.40	1.56	59.40	10	2,000	7.2	610(2,000)

- Remarks 1) Size range : UL 32-16AWG, CSA 28-16AWG
2) Allowable current : Ambient temperature 40°C, Max. allowable temperature 80°C, single-wire in air



1-2 Lead Wire

Lead Free Heat-resistant PVC insulated wire

UL Style No.1015 CSA Type TEW

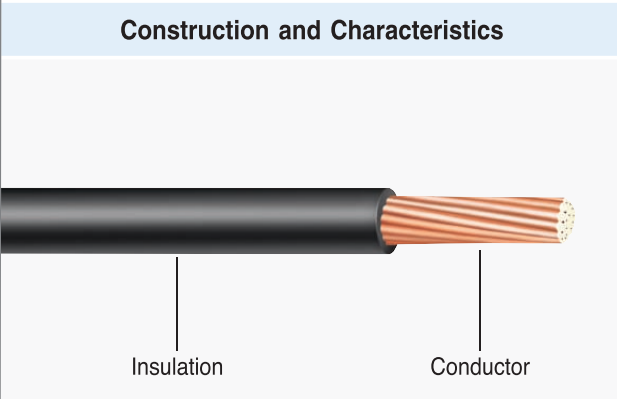
- Rating UL : 600V, 105°C / CSA : 600V, 105°C
- Standard UL : UL Subject 758 / CSA : CSA C22.2 NO.127

Application

Internal wiring of electrical and electronic equipments (Primary circuits lead wire).

Features

1. Standard : For both UL and CSA
2. Flame retardant : UL VW-1, CSA FT1, Material Control Law -F-
3. EU Directive RoHS : Restricted use of Pb, Cd, Hg, Cr+6, PBBs, PBDEs



Marking

1015 E52853 VW-1  AWM 105C LL33911 CSA TEW 105C 600V FT1 AWG NO. LS Cable -F- LF

Type	Conductor			Insulation		Max. Cond. Resistance (20°C) (Ω/km)	Min. Insulation Resistance (15.6°C) (MΩ·km)	Dielectric Strength (AC) (V/1min)	Allowable Current (reference) (A)	Unit Length (m) (ft)
	Size (AWG)	Construction (No./mm)	Diameter (mm)	Nominal Thickness (mm)	Diameter (mm)					
Stranded	26	7/0.160	0.48	0.79	2.06	150.00	15	2,000	5.8	305(1,000)
	24	11/0.160	0.61	0.79	2.19	94.20	15	2,000	7.6	305(1,000)
	22	17/0.160	0.76	0.79	2.34	59.40	15	2,000	10.0	305(1,000)
	20	26/0.160	0.94	0.79	2.52	36.70	15	2,000	13.1	305(1,000)
	18	41/0.160	1.18	0.79	2.76	23.20	15	2,000	17.2	305(1,000)
	16	26/0.254	1.49	0.79	3.08	14.60	15	2,000	22.8	305(1,000)
	14	41/0.254	1.88	0.79	3.46	8.96	15	2,000	30.4	305(1,000)
	12	65/0.254	2.36	0.79	3.94	5.64	15	2,000	40.6	305(1,000)
	10	66/0.320	3.00	0.79	4.58	3.55	15	2,000	55.3	305(1,000)
Solid	26	1/0.404	0.40	0.79	1.98	143.00	15	2,000	5.8	305(1,000)
	24	1/0.511	0.51	0.79	2.09	89.30	15	2,000	7.6	305(1,000)
	22	1/0.643	0.64	0.79	2.22	56.40	15	2,000	10.0	305(1,000)
	20	1/0.813	0.81	0.79	2.39	35.20	15	2,000	13.1	305(1,000)
	18	1/1.024	1.02	0.79	2.60	22.20	15	2,000	17.2	305(1,000)
	16	1/1.290	1.29	0.79	2.87	14.00	15	2,000	22.8	305(1,000)
	14	1/1.630	1.63	0.79	3.21	8.78	15	2,000	30.4	305(1,000)
	12	1/2.050	2.05	0.79	3.63	5.53	15	2,000	40.6	305(1,000)
	10	1/2.590	2.59	0.79	4.17	3.48	15	2,000	55.3	305(1,000)
TA-SC	24	7/0.203	0.61	0.79	2.19	94.20	15	2,000	7.6	305(1,000)
	22	7/0.254	0.76	0.79	2.34	59.40	15	2,000	10.0	305(1,000)

- Remarks 1) Size range : UL 28-9AWG, CSA 26-4/0AWG
2) Allowable current : Ambient temperature 40°C, Max. allowable temperature 105°C, single-wire in air
3) UL1015 covers the construction and characteristics of UL1011 and UL1013, so use of UL1015 is recommended.