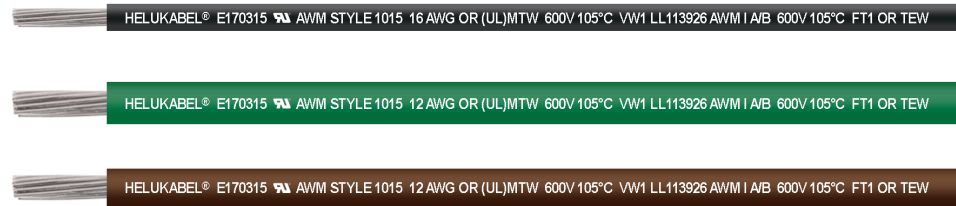


HELUKABEL® SINGLE CORE UL Style 1015

PVC single core, tinned wire, 600 V, 105°C



TECHNICAL DATA

PVC single core acc. to UL-Std. 758 (AWM) Style 1015, CSA-Std. C22.2 No. 210 - AWM I A/B, 24 AWG - 4/0 AWG; acc. to CSA-Std. C22.2 No. 127 - TEW, 22 AWG - 500 kcmil; acc. to UL-Std. 1063 (MTW)

Temperature range	flexible -5°C to +105°C fixed -30°C to +105°C
Nominal voltage	UL (AWM) AC 600 V UL (MTW) AC 600 V CSA (TEW) AC 600 V
Minimum bending radius	flexible 10x Outer-Ø fixed 5x Outer-Ø

CABLE STRUCTURE

- Copper wire tinned, AWG sizes
- Core insulation: PVC
- Core identification: see table

PROPERTIES

- largely resistant to: oil, solvents, acids, alkalis
- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

TESTS

- flame-retardant acc. to UL VW-1, CSA FT1

APPLICATION

For internal wiring of switch cabinets, electrical and electronic devices.

NOTES

- Conductor sizes are based on the AWG measurement system, metric conductor sizes (mm²) are approximated and are for reference only

AWG-No.	Cross-sec. mm ² , approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.	black Part no.	green-yellow Part no.	blue Part no.	brown Part no.	red Part no.	white Part no.	grey Part no.	violet Part no.
24	0.23	2.2	2.2	8.0	60101	60113	60102	60103	60104	60105	60106	60107
22	0.36	2.4	3.4	10.0	60201	60213	60202	60203	60204	60205	60206	60207
20	0.56	2.6	5.4	12.0	60301	60313	60302	60303	60304	60305	60306	60307
18	0.81	2.9	7.8	16.0	60401	60413	60402	60403	60404	60405	60406	60407
16	1.32	3.2	12.7	22.0	60501	60513	60502	60503	60504	60505	60506	60507
14	2.08	3.5	20.0	31.0	60601	60613	60602	60603	60604	60605	60606	60607
12	3.30	4.2	31.7	45.0	60701	60713	60702	60703	60704	60705	60706	60707
10	5.27	4.8	50.6	65.0	60801	60813	60802	60803	60804	60805	60806	60807
8	8.51	6.5	81.7	110.0	60901	60913	60902	60903	60904	60905	60906	60907
6	13.50	8.2	129.6	175.0	61001	61013	61002	61003	61004	61005	61006	61007
4	21.40	9.9	205.4	260.0	61101	61113	61102	61103	61104	61105	61106	61107
3	26.92	10.7	258.4	340.0	61201	61213	61202	61203	61204	61205	61206	61207
2	34.10	11.5	327.4	380.0	61301	61313	61302	61303	61304	61305	61306	61307
1	43.07	13.3	413.5	500.0	61401	61413	61402	61403	61404	61405	61406	61407
1/0	54.55	14.2	523.7	615.0	61501	61513	61502	61503	61504	61505	61506	61507
2/0	68.91	15.8	661.5	750.0	61601	61613	61602	61603	61604	61605	61606	61607
3/0	85.73	17.5	823.0	900.0	61701	61713	61702	61703	61704	61705	61706	61707
4/0	105.21	19.2	1010.0	1070.0	61801	61813	61802	61803	61804	61805	61806	61807
250 kcmil	132.48	21.7	1271.8	1280.0	62501	-	-	-	-	-	-	-
300 kcmil	155.86	22.7	1496.3	1518.0	62601	-	-	-	-	-	-	-
350 kcmil	181.30	26.3	1740.5	1756.0	62701	-	-	-	-	-	-	-
400 kcmil	209.20	27.2	2008.3	2002.0	62801	-	-	-	-	-	-	-
500 kcmil	257.00	28.3	2467.2	2475.0	62901	-	-	-	-	-	-	-

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HELUKABEL® SINGLE CORE UL Style 1015



PVC single core, tinned wire, 600 V, 105°C

AWG-No.	Cross-sec. mm ² , approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.	orange	green	dark blue	pink	beige	yellow	transparent	blue-white
					Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	
24	0.23	2.2	2.2	8.0	60109	60100	60115	60111	60112	60108	60110	60114
22	0.36	2.4	3.4	10.0	60209	60200	60215	60211	60212	60208	60210	60214
20	0.56	2.6	5.4	12.0	60309	60300	60315	60311	60312	60308	60310	60314
18	0.81	2.9	7.8	16.0	60409	60400	60415	60411	60412	60408	60410	60414
16	1.32	3.2	12.7	22.0	60509	60500	60515	60511	60512	60508	60510	60514
14	2.08	3.5	20.0	31.0	60609	60600	60615	60611	60612	60608	60610	60614
12	3.30	4.2	31.7	45.0	60709	60700	60715	60711	60712	60708	60710	60714
10	5.27	4.8	50.6	65.0	60809	60800	60815	60811	60812	60808	60810	60814
8	8.51	6.5	81.7	110.0	60909	60900	60915	60911	60912	60908	60910	60914
6	13.50	8.2	129.6	175.0	61009	61000	61015	61011	61012	61008	61010	61014
4	21.40	9.9	205.4	260.0	61109	61100	61115	61111	61112	61108	61110	61114
3	26.92	10.7	258.4	340.0	61209	61200	61215	61211	61212	61208	61210	61214
2	34.10	11.5	327.4	380.0	61309	61300	61315	61311	61312	61308	61310	61314
1	43.07	13.3	413.5	500.0	61409	61400	61415	61411	61412	61408	61410	61414
1/0	54.55	14.2	523.7	615.0	61509	61500	61515	61511	61512	61508	61510	61514
2/0	68.91	15.8	661.5	750.0	61609	61600	61615	61611	61612	61608	61610	61614
3/0	85.73	17.5	823.0	900.0	61709	61700	61715	61711	61712	61708	61710	61714
4/0	105.21	19.2	1010.0	1070.0	61809	61800	61815	61811	61812	61808	61810	61814

AWG-No.	Cross-sec. mm ² , approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.	white-blue
					Part no.
24	0.23	2.2	2.2	8.0	60127
22	0.36	2.4	3.4	10.0	60227
20	0.56	2.6	5.4	12.0	60327
18	0.81	2.9	7.8	16.0	60427
16	1.32	3.2	12.7	22.0	60527
14	2.08	3.5	20.0	31.0	60627
12	3.30	4.2	31.7	45.0	60727
10	5.27	4.8	50.6	65.0	60827
8	8.51	6.5	81.7	110.0	60927

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