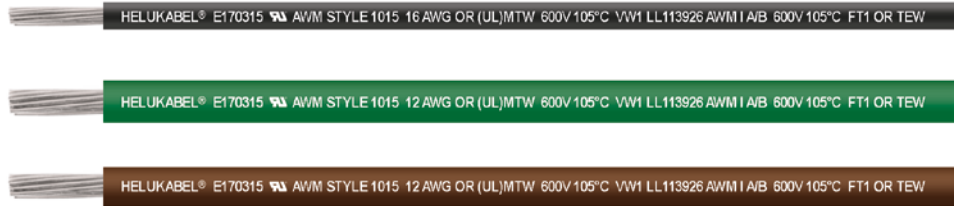


HELUKABEL® SINGLE CORE UL Style 1015



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; CSA-Std. C22.2 No. 127 - TEW, 22 AWG - 500 kcmil; UL-Std. 1063 (MTW)

Temperature range	flexible -5°C to +105°C fixed -40°C to +105°C
Nominal voltage	UL (AWM) AC 600 V UL (MTW) AC 600 V CSA (TEW) AC 600 V
Test voltage (spark test)	see table
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.	Spark test, kV	black	green-yellow	blue	brown	red	white	grey
						Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
24	0.23	2.2	2.2	8.0	4	60101	60113	60102	60103	60104	60105	60106
22	0.36	2.4	3.4	10.0	7.5	60201	60213	60202	60203	60204	60205	60206
20	0.56	2.6	5.4	12.0	7.5	60301	60313	60302	60303	60304	60305	60306
18	0.81	2.9	7.8	16.0	7.5	60401	60413	60402	60403	60404	60405	60406
16	1.32	3.2	12.7	22.0	7.5	60501	60513	60502	60503	60504	60505	60506
14	2.08	3.5	20.0	31.0	7.5	60601	60613	60602	60603	60604	60605	60606
12	3.30	4.2	31.7	45.0	7.5	60701	60713	60702	60703	60704	60705	60706
10	5.27	4.8	50.6	65.0	7.5	60801	60813	60802	60803	60804	60805	60806
8	8.51	6.5	81.7	110.0	10	60901	60913	60902	60903	60904	60905	60906
6	13.50	8.2	129.6	175.0	10	61001	61013	61002	61003	61004	61005	61006
4	21.40	9.9	205.4	260.0	10	61101	61113	61102	61103	61104	61105	61106
3	26.92	10.7	258.4	340.0	10	61201	61213	61202	61203	61204	61205	61206
2	34.10	11.5	327.4	380.0	10	61301	61313	61302	61303	61304	61305	61306
1	43.07	13.3	413.5	500.0	12.5	61401	61413	61402	61403	61404	61405	61406
1/0	54.55	14.2	523.7	630.0	12.5	61501	61513	61502	61503	61504	61505	61506
2/0	68.91	15.8	661.5	781.0	12.5	61601	61613	61602	61603	61604	61605	61606
3/0	85.73	17.5	823.0	935.0	12.5	61701	61713	61702	61703	61704	61705	61706
4/0	105.21	19.2	1010.0	1141.0	12.5	61801	61813	61802	61803	61804	61805	61806
250 kcmil	132.48	21.7	1271.8	1449.0	15	62501	-	-	-	-	-	-
300 kcmil	155.86	22.7	1496.3	1668.0	15	62601	-	-	-	-	-	-
350 kcmil	181.30	26.3	1740.5	1893.0	15	62701	-	-	-	-	-	-
400 kcmil	209.20	27.2	2008.3	2213.0	15	62801	-	-	-	-	-	-
500 kcmil	257.00	28.3	2467.2	2618.0	15	62901	-	-	-	-	-	-

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.	Spark test, kV	violet	yellow	orange	green	dark blue	pink	beige
						Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
24	0.23	2.2	2.2	8.0	4	60107	60108	60109	60100	60115	60111	60112
22	0.36	2.4	3.4	10.0	7.5	60207	60208	60209	60200	60215	60211	60212
20	0.56	2.6	5.4	12.0	7.5	60307	60308	60309	60300	60315	60311	60312
18	0.81	2.9	7.8	16.0	7.5	60407	60408	60409	60400	60415	60411	60412
16	1.32	3.2	12.7	22.0	7.5	60507	60508	60509	60500	60515	60511	60512
14	2.08	3.5	20.0	31.0	7.5	60607	60608	60609	60600	60615	60611	60612
12	3.30	4.2	31.7	45.0	7.5	60707	60708	60709	60700	60715	60711	60712
10	5.27	4.8	50.6	65.0	7.5	60807	60808	60809	60800	60815	60811	60812
8	8.51	6.5	81.7	110.0	10	60907	60908	60909	60900	60915	60911	60912
6	13.50	8.2	129.6	175.0	10	61007	61008	61009	61000	61015	61011	61012
4	21.40	9.9	205.4	260.0	10	61107	61108	61109	61100	61115	61111	61112
3	26.92	10.7	258.4	340.0	10	61207	61208	61209	61200	61215	61211	61212
2	34.10	11.5	327.4	380.0	10	61307	61308	61309	61300	61315	61311	61312
1	43.07	13.3	413.5	500.0	12.5	61407	61408	61409	61400	61415	61411	61412
1/0	54.55	14.2	523.7	630.0	12.5	61507	61508	61509	61500	61515	61511	61512
2/0	68.91	15.8	661.5	781.0	12.5	61607	61608	61609	61600	61615	61611	61612
3/0	85.73	17.5	823.0	935.0	12.5	61707	61708	61709	61700	61715	61711	61712
4/0	105.21	19.2	1010.0	1141.0	12.5	61807	61808	61809	61800	61815	61811	61812

AWG-No.	Cross-sec. mm ² , approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.	Spark test, kV	transparent	blue-white	white-blue
						Part no.	Part no.	Part no.
24	0.23	2.2	2.2	8.0	4	60110	60114	60127
22	0.36	2.4	3.4	10.0	7.5	60210	60214	60227
20	0.56	2.6	5.4	12.0	7.5	60310	60314	60327
18	0.81	2.9	7.8	16.0	7.5	60410	60414	60427
16	1.32	3.2	12.7	22.0	7.5	60510	60514	60527
14	2.08	3.5	20.0	31.0	7.5	60610	60614	60627
12	3.30	4.2	31.7	45.0	7.5	60710	60714	60727
10	5.27	4.8	50.6	65.0	7.5	60810	60814	60827
8	8.51	6.5	81.7	110.0	10	60910	60914	60927
6	13.50	8.2	129.6	175.0	10	61010	61014	-
4	21.40	9.9	205.4	260.0	10	61110	61114	-
3	26.92	10.7	258.4	340.0	10	61210	61214	-
2	34.10	11.5	327.4	380.0	10	61310	61314	-
1	43.07	13.3	413.5	500.0	12.5	61410	61414	-
1/0	54.55	14.2	523.7	630.0	12.5	61510	61514	-
2/0	68.91	15.8	661.5	781.0	12.5	61610	61614	-
3/0	85.73	17.5	823.0	935.0	12.5	61710	61714	-
4/0	105.21	19.2	1010.0	1141.0	12.5	61810	61814	-

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