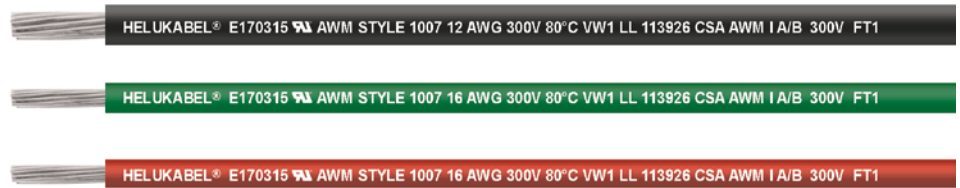




# HELUKABEL® SINGLE CORE UL Style 1007

PVC single core, finely stranded, tinned wire, 300 V, 80°C



**TECHNICAL DATA**

PVC single core acc. to UL-Std. 758 (AWM) Style 1007, CSA-Std. C22.2 No. 210 - AWM I A/B

**Temperature range** flexible -5°C to +80°C  
fixed -30°C to +80°C

**Nominal voltage** UL (AWM) AC 300 V

**Test voltage (spark test)** 26 - 20 AWG: 4000 V  
18 - 16 AWG: 5000 V

**Minimum bending radius** flexible 10x Outer-Ø  
fixed 5x Outer-Ø

- CABLE STRUCTURE**
- Copper wire tinned, finely stranded, 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. mm², approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.	black	green-yellow	blue	brown	red	white	grey	violet
					Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	
26	0.13	1.4	1.6	3.2	63501	63513	63502	63503	63504	63505	63506	63507
24	0.21	1.5	2.3	4.3	62001	62013	62002	62003	62004	62005	62006	62007
22	0.33	1.6	3.4	6.0	62101	62113	62102	62103	62104	62105	62106	62107
20	0.52	1.8	5.3	8.5	62201	62213	62202	62203	62204	62205	62206	62207
18	0.82	2.1	8.2	12.5	62301	62313	62302	62303	62304	62305	62306	62307
16	1.32	2.7	13.0	18.5	62401	62413	62402	62403	62404	62405	62406	62407

AWG-No.	Cross-sec. mm², approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.	yellow	orange	green	pink	beige	transparent
					Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
26	0.13	1.4	1.6	3.2	63508	63509	63500	63511	63512	63510
24	0.21	1.5	2.3	4.3	62008	62009	62000	62011	62012	62010
22	0.33	1.6	3.4	6.0	62108	62109	62100	62111	62112	62110
20	0.52	1.8	5.3	8.5	62208	62209	62200	62211	62212	62210
18	0.82	2.1	8.2	12.5	62308	62309	62300	62311	62312	62310
16	1.32	2.7	13.0	18.5	62408	62409	62400	62411	62412	62410

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