

# HELUKABEL® SINGLE CORE UL Style 1569

PVC single core, tinned wire, 300 V, 105°C



## TECHNICAL DATA

PVC single core acc. to UL-Std. 758 (AWM) Style 1569, CSA-Std. C22.2 No. 210 - AWM I A/B

<b>Temperature range</b>	flexible -5°C to +105°C fixed -30°C to +105°C CSA (AWM) to +90°C
<b>Nominal voltage</b>	UL (AWM) AC 300 V
<b>Minimum bending radius</b>	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 (mm<sup>2</sup>) are approximated and are for reference only

AWG-No.	Cross-sec. mm <sup>2</sup> , 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	66001	66013	66002	66003	66004	66005	66006	66007
24	0.21	1.5	2.3	4.3	66101	66113	66102	66103	66104	66105	66106	66107
22	0.33	1.6	3.4	6.0	66201	66213	66202	66203	66204	66205	66206	66207
20	0.52	1.8	5.3	8.5	66301	66313	66302	66303	66304	66305	66306	66307
18	0.82	2.1	8.2	12.5	66401	66413	66402	66403	66404	66405	66406	66407
16	1.32	2.4	13.0	18.5	66501	66513	66502	66503	66504	66505	66506	66507
14	2.08	2.9	20.0	29.0	66601	66613	66602	66603	66604	66605	66606	66607
12	3.31	3.6	33.0	40.0	66701	66713	66702	66703	66704	66705	66706	66707
10	5.26	4.3	51.6	61.0	66801	66813	66802	66803	66804	66805	66806	66807

AWG-No.	Cross-sec. mm <sup>2</sup> , approx.	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.	orange	green	pink	beige	yellow	transparent
					Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
26	0.13	1.4	1.6	3.2	66009	66000	66011	66012	66008	66010
24	0.21	1.5	2.3	4.3	66109	66100	66111	66112	66108	66110
22	0.33	1.6	3.4	6.0	66209	66200	66211	66212	66208	66210
20	0.52	1.8	5.3	8.5	66309	66300	66311	66312	66308	66310
18	0.82	2.1	8.2	12.5	66409	66400	66411	66412	66408	66410
16	1.32	2.4	13.0	18.5	66509	66500	66511	66512	66508	66510
14	2.08	2.9	20.0	29.0	66609	66600	66611	66612	66608	66610
12	3.31	3.6	33.0	40.0	66709	66700	66711	66712	66708	66710
10	5.26	4.3	51.6	61.0	66809	66800	66811	66812	66808	66810