

Stranded wires PVC 80/105°C 300 V UL/CSA

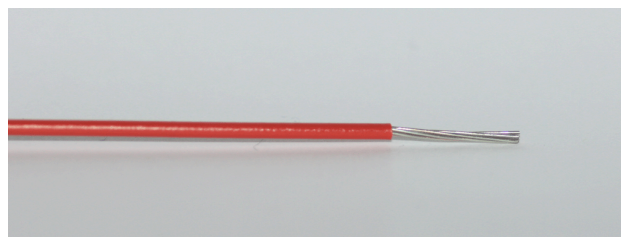
Application

As a connecting wire in an environment that demands a higher temperature resistance and/or for internal wiring of electrical and electronic equipments, etc. The strands of the wires and the insulation in SR-PVC are very suitable for use in the cutting / clamping technique.

A very economical processing of the wires allows the packaging in barrels. They are stackable and feature easy handling and low weight.

Construction

Conductors 7-strands, tinned copper
 - AWG 16, Conductor 19-strands, tinned copper
 Insulation SR-PVC (Semi-Rigid PVC), heat resistant



Technical Properties

Rated voltage U ₀ /U	300 V
Test voltage	3000 V
Temperature range	- 5°C ... + 105°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

UL	AWM Style 1061	VW-1	300 V	80°C
UL	AWM Style 10002	VW-1	300 V	105°C
CSA	AWM T2 A/B		300 V	105°C

All packagings are delivered with UL and CSA Labels.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
28	0.91	0.90	1.70
28	0.91	0.90	1.70
26	1.02	1.40	2.30
26	1.02	1.40	2.30
24	1.15	2.20	3.20
24	1.15	2.20	3.20
22	1.30	3.40	4.60
22	1.30	3.40	4.60
20	1.50	6.00	7.00
20	1.50	6.00	7.00
18	1.80	8.30	10.60
18	1.80	8.30	10.60
16	2.20	13.00	17.40
16	2.20	13.00	17.40

Packaging	Dimension
Spool 305 m	160 x 60 x centre 26 mm
Barrel 3500 m	310 x 340 mm
Spool 305 m	160 x 60 x centre 26 mm
Barrel 3000 m	310 x 340 mm
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Spool 305 m	160 x 60 x centre 26 mm
Barrel 3000 m	310 x 340 mm
Spool 305 m	160 x 60 x centre 26 mm
Barrel 1500 m	310 x 340 mm
Spool 305 m	160 x 60 x centre 26 mm
Barrel 1500 m	310 x 340 mm

Colour code see next page

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Colour code								
AWG 28	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	155680	155683	155686	155689	155692	155695	155698	155701
Barrel 3500 m	155681	155684	155687	155690	155693	155696	155699	155702
	green	orange	violet	yellow	rose			
Spool 305 m	155704	155707	155710	155713	155716			
Barrel 3500 m	155705	155708	155711	155714	155717			
AWG 26	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	155770	155773	155776	155779	155782	155785	155788	155791
Barrel 3000 m	155771	155774	155777	155780	155783	155786	155789	155792
	green	orange	violet	yellow	rose			
Spool 305 m	155794	155797	155800	155803	155806			
Barrel 3000 m	155795	155798	155801	155804	155807			
AWG 24	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	155860	155863	155866	155869	155872	155875	155878	155881
Barrel 3000 m	155861	155864	155867	155870	155873	155876	155879	155882
	green	orange	violet	yellow	rose			
Spool 305 m	155884	155887	155890	155893	155896			
Barrel 3000 m	155885	155888	155891	155894	155897			
AWG 22	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	155950	155953	155956	155959	155962	155965	155968	155971
Barrel 3000 m	155951	155954	155957	155960	155963	155966	155969	155972
	green	orange	violet	yellow	rose			
Spool 305 m	155974	155977	155980	155983	155986			
Barrel 3000 m	155975	155978	155981	155984	155987			
AWG 20	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	156040	156043	156046	156049	156052	156055	156058	156061
Barrel 3000 m	156041	156044	156047	156050	156053	156056	156059	156062
	green	orange	violet	yellow	rose			
Spool 305 m	156064	156067	156070	156073	156076			
Barrel 3000 m	156065	156068	156071	156074	156077			
AWG 18	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	156130	156133	156136	156139	156142	156145	156148	156151
Barrel 1500 m	156131	156134	156137	156140	156143	156146	156149	156152
	green	orange	violet	yellow	rose			
Spool 305 m	156154	156157	156160	156163	156166			
Barrel 1500 m	156155	156158	156161	156164	156167			
AWG 16	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	156220	156223	156226	156229	156232	156235	156238	156241
Barrel 1500 m	156221	156224	156227	156230	156233	156236	156239	156242
	green	orange	violet	yellow	rose			
Spool 305 m	156244	156247	156250	156253	156256			
Barrel 1500 m	156245	156248	156251	156254	156257			