

DESCAFLEX UL-1 1028

AWG 28 - AWG 16

Halogen-free stranded wires mPPE 105°C 600 V UL/CSA

Application

Halogen-free, flame retardant stranded wire for the internal wiring of electrical panels, switchgears, electrical and electronic equipment, etc..

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

Construction

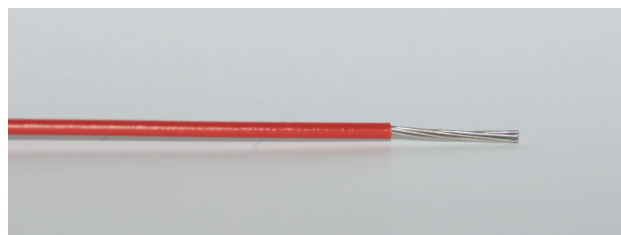
Conductors 7-strands (from AWG 18 19-strands), tinned copper
Insulation mPPE (modified Polyphenylene Ether)

Special Characteristics

The stranded wires have a good resistance to chemicals and oil. They meet the requirement vertical flame test VW-1 according to UL 1581, a high dielectric strength combined by compact dimensions is guaranteed.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
28	0.95	0.90	1.60
28	0.95	0.90	1.60
26	1.04	1.40	2.14
26	1.04	1.40	2.14
24	1.15	2.20	3.00
24	1.15	2.20	3.00
22	1.30	3.40	4.35
22	1.30	3.40	4.35
20	1.52	6.00	6.70
20	1.52	6.00	6.70
18	1.85	8.30	11.00
18	1.85	8.30	11.00
16	2.05	13.00	14.85
16	2.05	13.00	14.85

Colour code see next page



Technical Properties

Rated voltage U ₀ /U	600 V
Test voltage	6000 V
Temperature range	- 10°C ... + 105°C
- static installation	- 40°C ... + 105°C
Minimum bending radius	6 x outer diameter

Standards / Approvals

UL	AWM Style 11028	600 V	105°C
CSA	AWM I A/B	600 V	105°C

All packaging's are delivered with UL and CSA Labels.

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

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Colour code								
AWG 28	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	161870	161873	161876	161879	161882	161885	161888	161891
Barrel 3000 m	161871	161874	161877	161880	161883	161886	161889	161892
	green	orange	violet	yellow	rose			
Spool 305 m	161894	161897	161900	161903	161906			
Barrel 3000 m	161895	161898	161901	161904	161907			
AWG 26	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	161960	161963	161966	161969	161972	161975	161978	161981
Barrel 3000 m	161961	161964	161967	161970	161973	161976	161979	161982
	green	orange	violet	yellow	rose			
Spool 305 m	161984	161987	161990	161993	161996			
Barrel 3000 m	161985	161988	161991	161994	161997			
AWG 24	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	162050	162053	162056	162059	162062	162065	162068	162071
Barrel 3000 m	162051	162054	162057	162060	162063	162066	162069	162072
	green	orange	violet	yellow	rose			
Spool 305 m	162074	162077	162080	162083	162086			
Barrel 3000 m	162075	162078	162081	162084	162087			
AWG 22	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	162140	162143	162146	162149	162152	162155	162158	162161
Barrel 3000 m	162141	162144	162147	162150	162153	162156	162159	162162
	green	orange	violet	yellow	rose			
Spool 305 m	162164	162167	162170	162173	162176			
Barrel 3000 m	162165	162168	162171	162174	162177			
AWG 20	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	162230	162233	162236	162239	162242	162245	162248	162251
Barrel 3000 m	162231	162234	162237	162240	162243	162246	162249	162252
	green	orange	violet	yellow	rose			
Spool 305 m	162254	162257	162260	162263	162266			
Barrel 3000 m	162255	162258	162261	162264	162267			
AWG 18	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	162320	162323	162326	162329	162332	162335	162338	162341
Barrel 1500 m	162321	162324	162327	162330	162333	162336	162339	162342
	green	orange	violet	yellow	rose			
Spool 305 m	162344	162347	162350	162353	162356			
Barrel 1500 m	162345	162348	162351	162354	162357			
AWG 16	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	162410	162413	162416	162419	162422	162425	162428	162431
Barrel 1500 m	162411	162414	162417	162420	162423	162426	162429	162432
	green	orange	violet	yellow	rose			
Spool 305 m	162434	162437	162440	162443	162446			
Barrel 1500 m	162435	162438	162441	162444	162447			