

DESCAFLEX UL-1 1030

AWG 28 - AWG 16

Halogen-free stranded wires mPPE 105°C 90 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

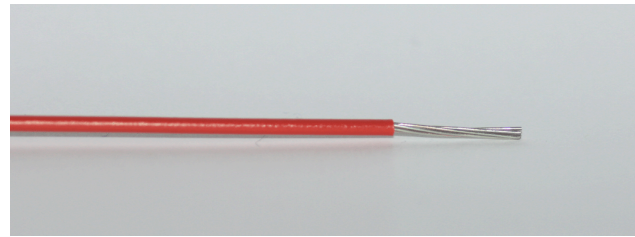
Conductors 7-strands (from AWG 18 19-strands), tinned copper
Insulation mPPE (modified Polyphenylene Ether)

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	0.70	0.90	1.25
28	0.70	0.90	1.25
26	0.79	1.40	1.75
26	0.79	1.40	1.75
24	0.92	2.20	2.60
24	0.92	2.20	2.60
22	1.07	3.40	3.90
22	1.07	3.40	3.90
20	1.27	6.00	6.10
20	1.27	6.00	6.10
18	1.58	8.30	10.15
18	1.58	8.30	10.15
16	1.84	13.00	14.10
16	1.84	13.00	14.10

Colour code see next page



Technical Properties

Rated voltage U ₀ /U	90 V
Test voltage	2500 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 11030	90 V	105°C
CSA	AWM I A/B	90 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	163320	163323	163326	163329	163332	163335	163338	163341
Barrel 3000 m	163321	163324	163327	163330	163333	163336	163339	163342
	green	orange	violet	yellow	rose			
Spool 305 m	163344	163347	163350	163353	163356			
Barrel 3000 m	163345	163348	163351	163354	163357			
AWG 26	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	163410	163413	163416	163419	163422	163425	163428	163431
Barrel 3000 m	163411	163414	163417	163420	163423	163426	163429	163432
	green	orange	violet	yellow	rose			
Spool 305 m	163434	163437	163440	163443	163446			
Barrel 3000 m	163435	163438	163441	163444	163447			
AWG 24	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	163500	163503	163506	163509	163512	163515	163518	163521
Barrel 3000 m	163501	163504	163507	163510	163513	163516	163519	163522
	green	orange	violet	yellow	rose			
Spool 305 m	163524	163527	163530	163533	163536			
Barrel 3000 m	163525	163528	163531	163534	163537			
AWG 22	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	163590	163593	163596	163599	163602	163605	163608	163611
Barrel 3000 m	163591	163594	163597	163600	163603	163606	163609	163612
	green	orange	violet	yellow	rose			
Spool 305 m	163614	163617	163620	163623	163626			
Barrel 3000 m	163615	163618	163621	163624	163627			
AWG 20	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	163680	163683	163686	163689	163692	163695	163698	163701
Barrel 3000 m	163681	163684	163687	163690	163693	163696	163699	163702
	green	orange	violet	yellow	rose			
Spool 305 m	163704	163707	163710	163713	163716			
Barrel 3000 m	163705	163708	163711	163714	163717			
AWG 18	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	163770	163773	163776	163779	163782	163785	163788	163791
Barrel 1500 m	163771	163774	163778	163780	163783	163786	163789	163792
	green	orange	violet	yellow	rose			
Spool 305 m	163794	163797	163800	163803	163806			
Barrel 1500 m	163795	163798	163801	163804	163807			
AWG 16	black	blue	green-yellow	brown	grey	dark blue	red	white
Spool 305 m	163860	163863	163866	163869	163872	163875	163878	163881
Barrel 1500 m	163861	163867	163867	163870	163873	163876	163879	163882
	green	orange	violet	yellow	rose			
Spool 305 m	163884	163887	163890	163893	163896			
Barrel 1500 m	163885	163888	163891	163894	163897			