



DESCAFLEX UL-11028

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

AWG 28 – AWG 16

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)	
Technical data	Rated voltage U ₀ /U	600 V
	Test voltage	6000 V
	Temperature range	- 10°C ... + 105°C
	- static installation	- 40°C ... + 105°C
	Min. 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	

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.

Technical Information

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

AWG 28	black	light blue	green-yellow	brown	grey	dark blue	red
PU							
Spool 305 m	161870	161873	161876	161879	161882	161885	161888
Barrel 3000 m	161871	161874	161877	161880	161883	161886	161889

AWG 28	white	green	orange	violet	yellow	rose
PU						
Spool 305 m	161891	161894	161897	161900	161903	161906
Barrel 3000 m	161892	161895	161898	161901	161904	161907

AWG 26	black	light blue	green-yellow	brown	grey	dark blue	red
PU							
Spool 305 m	161960	161963	161966	161969	161972	161975	161978
Barrel 3000 m	161961	161964	161967	161970	161973	161976	161979

AWG 26	white	green	orange	violet	yellow	rose
PU						
Spool 305 m	161981	161984	161987	161990	161993	161996
Barrel 3000 m	161982	161985	161988	161991	161994	161997

AWG 24	black	light blue	green-yellow	brown	grey	dark blue	red
PU							
Spool 305 m	162050	162053	162056	162059	162062	162065	162068
Barrel 3000 m	162051	162054	162057	162060	162063	162066	162069

AWG 24	white	green	orange	violet	yellow	rose
PU						
Spool 305 m	162071	162074	162077	162080	162083	162086
Barrel 3000 m	162072	162075	162078	162081	162084	162087

AWG 22	black	light blue	green-yellow	brown	grey	dark blue	red
PU							
Spool 305 m	162140	162143	162146	162149	162152	162155	162158
Barrel 3000 m	162141	162144	162147	162150	162153	162156	162159

AWG 22	white	green	orange	violet	yellow	rose
PU						
Spool 305 m	162161	162164	162167	162170	162173	162176
Barrel 3000 m	162162	162165	162168	162171	162174	162177

AWG 20	black	light blue	green-yellow	brown	grey	dark blue	red
PU							
Spool 305 m	162230	162233	162236	162239	162242	162245	162248
Barrel 3000 m	162231	162234	162237	162240	162243	162246	162249

AWG 20	white	green	orange	violet	yellow	rose
PU						
Spool 305 m	162251	162254	162257	162260	162263	162266
Barrel 3000 m	162252	162255	162258	162261	162264	162267

AWG 18	black	light blue	green-yellow	brown	grey	dark blue	red
PU							
Spool 305 m	162320	162323	162326	162329	162332	162335	162338
Barrel 1500 m	162321	162324	162327	162330	162333	162336	162339

AWG 18	white	green	orange	violet	yellow	rose
PU						
Spool 305 m	162341	162344	162347	162350	162353	162356
Barrel 3000 m	162342	162345	162348	162351	162354	162357

AWG 16	black	light blue	green-yellow	brown	grey	dark blue	red
PU							
Spool 305 m	162410	162413	162416	162419	162422	162425	162428
Barrel 1500 m	162411	162414	162417	162420	162423	162426	162429

AWG 16	white	green	orange	violet	yellow	rose
PU						
Spool 305 m	162431	162434	162437	162440	162443	162446
Barrel 3000 m	162432	162435	162438	162441	162444	162447

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

Stock availability
Item numbers marked in bold are generally available from stock, subject to prior sale.