

# DESCAPREN UL-3266

AWG 24 – AWG 16

Halogen-free stranded wires 125°C 300 V UL-3266 / CSA

## Application

As halogen-free, flame retardant UL/CSA approved stranded wire for the wiring of electrical panels, switchgears, electrical and electronic equipments, etc. and as a connection wire for motor and transformer windings, chokes and relays, which are subjected to an impregnation and/or as a connecting wire in an environment that demands a high temperature resistance.

## Construction

Flexible tinned copper conductors  
Insulation Polyolefin, high temperature resistant.

## Special Characteristics

Halogen-free/ Proof	IEC 60754-1	VDE 0472-815
Gases corrosivity	IEC 60754-2	VDE 0472-813
Flame retardant	IEC 60332-1	VDE 0472-804 B
Smoke density	IEC 61034-1+2	VDE 0472-816

Ozone, oxygen and weather-resistant, resistant to varnish and impregnation process, good oil and gasoline resistance.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
24	1.40	2.20	4.10
22	1.60	3.40	5.50
20	1.80	6.00	7.90
18	2.05	8.30	12.00
16	2.35	13.00	16.00

Colour code see next page



## Technical Properties

Rated voltage U <sub>0</sub> /U	300 V
Test voltage	3000 V
Temperature range	- 30°C ... + 125°C
Minimum bending radius	6 x outer diameter

## Standards / Approvals

UL	AWM 3266	300 V	125°C
CSA	AWM I A/B	300 V	125°C

All packagings are delivered with UL + CSA Labels.

Packaging	Dimension
Spool 200 m	(160 x 90 x Centre 60 mm)
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on request

in barrels, UL Style 3271 600 V 125°C (AWG 30 – AWG 200 MCM)

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Colour code							
<b>AWG 24</b>	black	blue	green-yellow	brown	grey	red	white
Spool 200 m	113450	113454	113458	113462	113466	113474	113478
	green	orange	violet	yellow	rose		
Spool 200 m	113482	113486	113490	113494	113498		
<b>AWG 22</b>	black	blue	green-yellow	brown	grey	red	white
Spool 200 m	113520	113524	113528	113532	113536	113544	113548
	green	orange	violet	yellow	rose		
Spool 200 m	113552	113556	113560	113564	113568		
<b>AWG 20</b>	black	blue	green-yellow	brown	grey	red	white
Spool 200 m	113590	113594	113598	113602	113606	113614	113618
	green	orange	violet	yellow	rose		
Spool 200 m	113622	113626	113630	113634	113638		
<b>AWG 18</b>	black	blue	green-yellow	brown	grey	red	white
Spool 200 m	113660	113664	113668	113672	113676	113684	113688
	green	orange	violet	yellow	rose		
Spool 200 m	113692	113696	113700	113704	113708		
<b>AWG 16</b>	black	blue	green-yellow	brown	grey	red	white
Spool 200 m	113730	113734	113738	113742	113746	113754	113758
	green	orange	violet	yellow	rose		
Spool 200 m	113762	113766	113770	113774	113778		

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