

# DESCAFLEX UL-1316

AWG 18 - AWG 16

Stranded wires PVC/Nylon, TFFN Fixture Wire, 90°C 600 V UL/CSA

## Application

As interconnecting wire in the mechanical engineering and machine tool construction, in the control technology, etc., for fixed installation in pipes and conduits, in dry and humid locations, etc..



## Construction

Conductor 16-strands respectively 26-strands, bare copper  
Insulation PVC with Nylon sheath

## Technical Properties

|                                 |                    |
|---------------------------------|--------------------|
| Rated voltage U <sub>0</sub> /U | 600 V              |
| Test voltage                    | 3000 V             |
| Temperature range               |                    |
| - in dry environment            | - 10°C ... + 90°C  |
| - in humid environment          | - 10°C ... + 75°C  |
| Minimum bending radius          | 6 x outer diameter |

## Special Characteristics

Good resistance to oil, gasoline, acids and bases, suitable to be used in humidity, meets a high abrasion resistance.

## Standards / Approvals

UL AWM Style 1316 105°C 600 V  
AWM I A/B 105°C 600 V FT1  
TFFN Gas & Oil resistant

All packagings are delivered with UL and CSA Labels.

| Cross section<br>AWG | Overall-Ø<br>ca. mm | Copper<br>kg/km | Weight<br>kg/km |
|----------------------|---------------------|-----------------|-----------------|
| 18/16                | 2.10                | 8.30            | 10.40           |
| 16/26                | 2.45                | 13.00           | 16.40           |

| Packaging | Lengths                   |
|-----------|---------------------------|
| Spools    | 152 m, 305 m or different |
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| AWG   | black  | blue   | gn-ye  | brown  | grey   | red    | white  | green  | orange | violet | yellow | rose   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 18/16 | 166150 | 166151 | 166152 | 166153 | 166154 | 166156 | 166157 | 166158 | 166159 | 166160 | 166161 | 166162 |
| 16/26 | 166195 | 166196 | 166197 | 166198 | 166199 | 166201 | 166202 | 166203 | 166204 | 166205 | 166206 | 166207 |

on request

other versions