

# ÖLFLEX® POWER MULTI

**UDB611803EN**
**Date:** January 1, 2019

## 1. APPLICATION

ÖLFLEX® POWER MULTI is an industrial grade multi-purpose extra hard usage cordage and tray cable with superior oil performance for long cable life. It has a pressure extruded jacket and fine copper stranding for excellent flexibility making it easier to pull through Tray. It is also suitable for Class I Division I locations for flexible usage.

### Applications:

Power cord for equipment; paint booths; appliances; factory installations; any power hook-up in the plant.

### Underwriters Laboratories

Flexible cord for extra hard usage and for Tray use in exposed run applications, and internal or external wiring of electrical and electronic equipment.

### Canadian Standards

Flexible cord for extra hard usage, Tray use, Control Instrumentation, Appliance Wiring Material and internal or external wiring of electrical and electronic equipment applications.

## 2. CABLE DESCRIPTION

- Bare copper fine wire
- PVC insulation
- Color and number coded conductors with identification
- Green/Yellow ground wire
- Black UV, oil and flame resistant specially formulated thermoplastic polymer jacket

## 3. TECHNICAL DATA

Conductor Stranding	18 AWG (1,0 mm <sup>2</sup> ) to 6 AWG (16,0 mm <sup>2</sup> ): Class 5 (IEC 60228; VDE 0295) 18 AWG meets only class 5 cross section and DC conductor resistance
Design / Make-up	Cable is designed in accordance with the requirements of UL Standards 1277 & 62 and with CSA standards C22.2 No. 230 & No. 239
Insulation	Specially formulated PVC insulation
Color Code	Colored conductors with numbers plus green/yellow (30% stripe width) 2 conductor cable: No green/yellow ground <u>Example 3C:</u> Black; 1- ONE, White; 2 -TWO, Green/Yellow 2 Conductors: Black & White 3 conductors: Black, White & Green/Yellow 4 conductors: Black, White, Red & Green/Yellow 5 conductors: Black, White, Red, Brown & Green/Yellow 6 or more conductors: Black conductors with numbers plus Green/Yellow
Outer Sheath	Specially formulated thermoplastic polymer jacket
Nominal Voltage	UL / CSA TC/STOOW: 600V VDE U <sub>0</sub> /U: 300/500V
Test Voltage	2000V
Min Bend radius	For installation: 4 x OD

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Temperature Range	UL/CSA TC: -25°C to +90°C For stationary use: -40°C to +105°C For flexible use: -25°C to +105°C
Cable Attributes	OR-03, FR-03, FL-02, MP-03 Sunlight resistant, Direct Burial
Approvals	UL Type TC (Tray Cable) - ER* (Exposed Run) per UL 1277 UL Type STOOW (Extra hard usage) per UL 62 c(UL) CIC/TC FT4 per CSA C22.2 No. 239 / CSA C22.2 No. 230 c(UL) STOOW per CSA C22.2 No. 49 CSA AWM II A/B FT4 per CSA C22.2 No. 210 * For –ER: Minimum 3 conductors required
Additional	NEC Article 336, Article 501 NFPA 79 VDE 250-1 (meets rated voltage requirements only) LVD 2014/35/EU (Low Voltage Directive) RoHS directive