

ÖLFLEX® POWER MULTI

UDB611803EN

Date: July 1, 2023

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 ²) to 6 AWG (16,0 mm ²): 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 ₀ /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-ER 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

This data sheet contains the latest product specification information available. Data sheet is subject to change without prior notice.