

ÖLFLEX® TRAY II/TRAY II CY

Extremely oil-resistant & flexible tray cable with UL & CSA; unshielded & shielded



ÖLFLEX® TRAY II is an industrial grade 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 much easier to pull through tray. With UL TC-ER approval, no conduit is needed so you can reduce material costs along with saving on labor. ÖLFLEX® TRAY II CY is designed with foil tape and tinned copper braid shield for improved effectiveness.

Recommended applications

Industrial plant expansions; automotive plants; tray wiring; anywhere VNTC® cables are used

Approvals



Cable attributes		page 648	
OIL	OR-03	FLAME	FR-03
MOTION	WT-02	MECH.	MP-03

Unshielded construction

- Conductors:** finely stranded bare copper
- Insulation:** specially formulated PVC/nylon
- Jacket:** specially formulated thermoplastic polymer; black

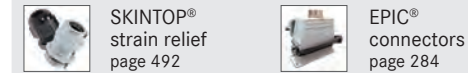
Shielded construction

- Conductors:** finely stranded bare copper
- Insulation:** specially formulated PVC/nylon
- Shielding:** foil tape; tinned copper braid (70% coverage)
- Jacket:** specially formulated thermoplastic polymer; black

Application advantage

- Oil-resistant pressure-extruded jacket improves flexibility
- Easier to pull than standard tray cables; lower labor costs
- UL TC-ER reduces material costs; no conduit is needed
- Black numbered conductors for easy identification
- Improved shielding effectiveness

Complete the installation



Technical data

<p> Minimum bend radius: - for installation: - < 1 AWG: 4 x cable diameter - ≥ 1 AWG: 6 x cable diameter - shielded: 6 x cable diameter</p> <p> 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</p> <p> Nominal voltage: - UL/CSA TC: 600V - UL WTTC/CSA AWM: 1000V</p> <p> Test voltage: - up to 1 AWG: 2000V - 1 AWG & larger: 4000V</p> <p> Conductor stranding: - 18-6 AWG: Class 5 fine wire* - 4-2 AWG: Class K fine wire - 1 AWG - 500 KCMIL: stranded wire * 18 AWG meets only Class 5 cross section and DC resistance</p>	<p> Color code: black with white printing, plus green/yellow ground</p> <p> Approvals:</p> <p>UL: TC-ER per UL 1277 MTW per UL 1063 WTTC per UL 2277 submersible pump (14 - 2 AWG) PLTC-ER per UL 13 (18 - 12 AWG) ITC-ER per UL 2250 (18 - 12 AWG) DP-1 per UL 1690 AWM 20886 (18 - 2 AWG)</p> <p>Attributes: UL Oil Res I/II 75°C wet; 90°C dry sunlight resistant direct burial NFPA 79</p> <p>NEC: Class 1 Division 2 per NEC Article 501</p> <p>Canada: c(UL) CIC/TC FT4 (18 - 4/0 AWG) CSA AWM I/II A/B FT4</p> <p>Additional: torsion rated for wind market (± 90°/m) & (± 150°/m) (18 - 2 AWG) CE & RoHS MSHA: P-07-KA050016-MSHA (shielded only)</p>
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 If not otherwise specified, all values relating to the product are nominal values.
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