
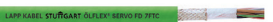


LAPP Servo Solution Flexible, Reliable

Manufacturers using Servo motors in fast-paced automated environments contend with persistent challenges. Servo cables operating in factories must maintain power and signal reliability to maximize production uptime while enduring grueling environmental conditions.

Running servo cables through a factory to connect drives and motors can be material- and labor-intensive. Tray-rated cables are not typically designed for continuous flex applications in a cable track, so multiple cables and connection points must be used. Costs increase quickly.

LAPP offers a premier Servo Solution - a pair of servo cables that deliver power/ signal and feedback from drive to motor. Each of these two cables can be installed in cable tray and cable track for a single, unbroken connection.

- ÖLFLEX® SERVO FD 7TCE 
- ÖLFLEX® SERVO FD 7FTC 



LAPP SERVO SOLUTION (CONTINUED)

ÖLFLEX® SERVO FD 7TCE

This servo power cable was developed by LAPP USA Engineering at our Florham Park, NJ headquarters, and carries TC-ER approval per UL 1277. A TPE jacket and EPR insulation provide added resilience in continuous flexing applications. Its low-capacitance design enables longer runs with limited current and voltage losses. Installation is helped by cable minimum bend radii of 7.5x cable diameter (continuous flexing applications) and 5x diameter (stationary use). Additional approvals include NFPA79 and C(UL) CIC FT4 (18-14AWG only).



ÖLFLEX® SERVO FD 7FTC

Servo motors provide precise motion, so a high quality, reliable encoder cable is crucial to their operation. The ÖLFLEX® SERVO FD 7FTC feedback cable has XLPE (Plus) insulation which provides low capacitance, supporting longer cable runs and improved signal transmission. It is also rated for Continuous Flex with longevity up to several million bending cycles. A minimum bend radius of 10x cable diameter (for continuous flex applications) eases installation. This robust cable offers high resistance to oil, flame, and mechanical stress. This cable's long list of approvals includes PLTC per UL 13 (22-16AWG only), ITC per UL2250 (22-16AWG only), and CMG per UL444.



Power & Control

Both the ÖLFLEX® SERVO FD 7TCE and ÖLFLEX® SERVO FD 7FTC can be used from cable tray-to-cable track, eliminating the cost of multiple cables and connections.

Both cables carry a range of US and international approvals, and support major power and signal conductor configurations found in today's servo motors.

LAPP provides this robust, reliable solution for critical servo applications – like yours.

LEARN MORE ABOUT THIS VALUABLE SERVO SOLUTION

LAPP manufactures the highest quality cable, connectors, glands and industrial data communication solutions to enhance factory automation and future-ready industrial production systems and equipment. LAPP's state of the art manufacturing plant includes an in-house UL Client Data Program and UL certified laboratory to ensure the highest quality.