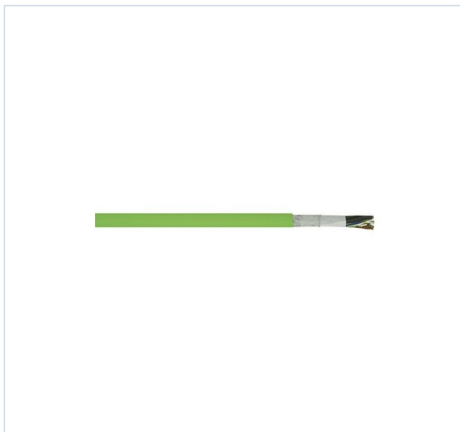


INDUSTRIAL COMPONENT DATA

00257021 SERVO LK SMS 6FX5-1BB31 LC/4G4 LAPP Motor and resolver/encoder cables certified

Brand: LAPP | Manufacturer Part Number: 00257021



Manufacturer	LAPP
MPN / Reference	00257021
Catalog number	SERVO LK SMS 6FX5-1BB31 LC/4G4
Category	Power cable 1 kV, for moving application
Minimum order	50 Pcs
Document ID	EO-FAEB45A07C
Generated	2026-08-02

Product Overview

SERVO LK SMS 6FX5-1BB31 LC/4G4

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	LAPP > ÖLFLEX-SERVO cabling
--------------	-----------------------------

Additional Product Information

Servomotor- and feedback cables in acc. to SIEMENS® Standard 6FX 5008 for static use, UL/CSA AWM and VDE certified

Servo drives

EMC-compliant

Benefits

Motor & servo motor cables up to 6 mm²: low capacitance characteristics due to PP insulation

Multi-standard certification reduces part varieties and saves costs

Application range

Connecting cable between servo controller and motor

For static and occasionally flexible use

Plant engineering

Industrial machinery and machine tools

Printing machines

Product features

Oil-resistant

Flame-retardant according to IEC 60332-1-2 & CSA FT1

EMC-compliant

Norm references / Approvals

Power cable:

VDE-registered

UL/CSA AWM Style 2570

Signal cables:

UL/CSA AWM style 2502

UL File No. E63634

Product Make-up

Design according to SIEMENS® standard 6FX 5008

Core insulation: up to 6 mm² = PP; 10 mm² and larger = PVC

Core and pairs are twisted together

Tinned-copper braiding

Outer sheath made of special PVC compound

Signal cables: green (RAL 6018)

Motor and servomotor cables: orange (RAL 2003)

Classification ETIM 5

ETIM 5.0 Class-ID: EC000104

ETIM 5.0 Class-Description: Control cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000104

ETIM 6.0 Class-Description: Control cable

Conductor stranding

Fine wire according to VDE 0295,

class 5/IEC 60228 class 5

Minimum bending radius

For fixed installation: 5 x outer diameter

For flexible use:

15 x outer diameter

Nominal voltage

Signal cables:

30 V AC (IEC)

30 V AC/DC (UL/CSA)

Power cable:

- Power cores:

U0/U 60...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 00257021 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.