

SERVO Cables in acc. to SEW® Standard

Screened, low capacitive servo cable with PVC outer sheath for static use - certified for North America

Servomotor cables in acc. to SEW® standard for static use, UL/CSA AWM certified

Info

Servo drives

EMC-compliant



Interference signals



Oil-resistant

Benefits

Multi-standard certification reduces part varieties and saves costs

Longer cable installation lengths thanks to low mutual capacitance cable design

Copper braiding screens the cable against electromagnetic interference

Application range

Specially designed to connect SEW servomotors

Connecting cable between servo controller and motor

For static and occasionally flexible use

Industrial machinery and machine tools

Plant engineering

Product features

Oil-resistant

Flame-retardant acc. to IEC 60332-1-2,

UL VW-1 & CSA FT 1

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Norm references / Approvals

Based on VDE 0250 / 0285

UL AWM Style 2570

UL File No. E63634

Product Make-up

Fine-wire, bare copper conductor

Core insulation: TPE

Control core triplet with laminated aluminium film and a layer of tinned-copper wires

Cores twisted in short lay lengths

Tinned-copper braiding

PVC outer sheath, orange (RAL 2003)

Technical Data

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
Core identification code:	Power: black cores with U, VV, WWW printing and 1 core gnye Control cores: black cores with numbers 1, 2 and 3
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	Power cores: IEC 750 V, UL 600 V Control cores: IEC 350 V, UL 600 V
Test voltage:	2000 V
Protective conductor:	G = with GN-YE protective conductor
Temperature range:	Flexing: -10°C to +80°C Fixed installation: -40°C to +80°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

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Prices are net prices without VAT and surcharges. Sale to business customers only.



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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
Servo cables				
0038060	4 G 1,5 + (3 x 1,0)	11.8	151	300
0038061	4 G 2,5 + (3 x 1,0)	13.4	212.9	370
0038062	4 G 4 + (3 x 1,0)	15	281.8	476
0038063	4 G 6 + (3 x 1,5)	17	392.8	625
0038064	4 G 10 + (3 x 1,5)	20	625.1	1024

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