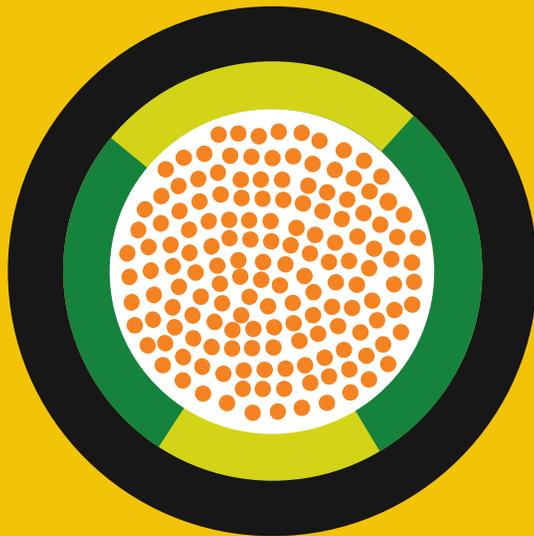




# 26

## CKS SAPFLEX PS525

Highly flexible, single core cable with PVC insulation and PVC sheath



CKS Sapflex PS525 - Single core power cable for versatile use in power chains

Basic Line Performance - Moderate travel lengths or acceleration  
Rated voltage 0,6/1 kV

### ADVANTAGES

- Multi-standard certification reduces part varieties and saves costs
- Multifunctional application possibilities
- Under consideration of the temperature range also suitable for flexible outdoor use
- Certified for the USA and Canada for export-oriented machine, appliance and apparatus manufacturers



### APPLICATION RANGE

- In power chains or moving machine parts
- For internal wiring of electric and electronic equipment in switch cabinets
- Specially designed for power circuits of servomotors driven by frequency converters
- This cable can substitute multi-core power cables where space requirements or minimum bending radii cause problems
- Test systems in the automotive industry, vehicles and stationary fuel cell systems

### PRODUCT FEATURES

- Flammability:
- UL/CSA: VW-1, FT1
- IEC/EN: 60332-1-2
- Oil-resistant
- Low-adhesive surface

### PRODUCT MAKE-UP

- Fine-wire, bare copper conductor
- Core insulation: PVC
- PVC outer sheath

### TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 Class-Description: Low voltage power cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Torsion movement in WTC	TW-0 & TW-1, refer to Appendix T0
Minimum bending radius	Flexing: up from 10 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	IEC: U0/U 600/1000 V UL & CSA: 600 V
Test voltage	4000 V
Temperature range	Flexing: 0°C to +70°C (UL: +90°C) Fixed installation: -40°C to +80°C (UL: +90°C)

## ELECTRICAL INFORMATION

Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>CKS SAPFLEX PS525</b>				
CKS PS525-6	6	7.4	57.6	101
CKS PS525-10	10	9	96	158
CKS PS525-16	16	9.9	153.6	217
CKS PS525-25	25	11.3	240	307
CKS PS525-35	35	13.1	336	427
CKS PS525-50	50	15.9	480	611
CKS PS525-70	70	17.6	672	778
CKS PS525-95	95	19.8	912	1015
CKS PS525-120	120	23	1152	1296
CKS PS525-150	150	24.8	1440	1597
CKS PS525-185	185	27.1	1776	1971
CKS PS525-240	240	30.6	2304	2419

