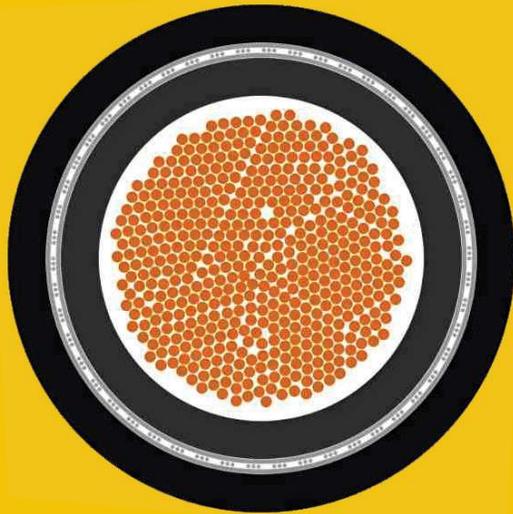




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## CKS SAPFLEX PS526 SC

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



CKS Sapflex PS526 SC -Screened single core power cable for versatile use in power chains with UL/cUL AWM certification

Basic Line Performance - Moderate travel lengths or acceleration  
AWM certification for USA and Canada  
EMC compliant copper screening

### 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



Copper braiding screens the cable against electromagnetic interference

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 screened multi-core motor 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 according to DIN EN 50290-2-22 (TM54)  
Low-adhesive surface  
EMC-compliant

### PRODUCT MAKE-UP

Fine-wire, bare copper conductor  
Core insulation: PVC  
Tinned-copper braiding  
Non-woven wrapping  
PVC outer sheath, black (similar RAL 9005)

### 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
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 SAFPLEX PS526 SC</b>				
CKS PS526 SC6	6	8.1	76	126
CKS PS526 SC10	10	9.7	122	190
CKS PS526 SC16	16	10.6	180	250
CKS PS526 SC25	25	12	268	351
CKS PS526 SC35	35	14.8	392	519
CKS PS526 SC50	50	16.8	544	686
CKS PS526 SC70	70	18.5	766	885
CKS PS526 SC95	95	20.9	1020	1135
CKS PS526 SC120	120	24.1	1272	1443
CKS PS526 SC150	150	26.1	1593	1788
CKS PS526 SC185	185	28.4	1941	2177
CKS PS526 SC240	240	31.9	2518	2671
CKS PS526 SC300	300	33.5	3116	3299

