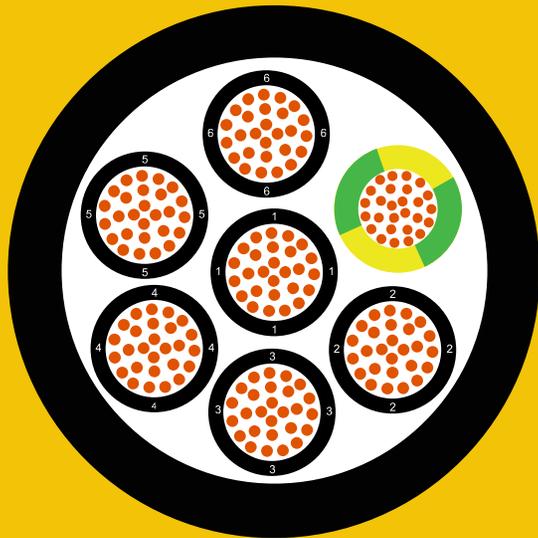


# 24

## CKS SAPFLEX PS523

Highly flexible control cable with PVC core insulation and PVC sheath



CKS SAPFLEX 523

CKS SAPFLEX 523

CKS Sapflex PS523- Power and control cable for versatile use in power chains

Core Line Performance - Medium to increased travel lengths or acceleration  
The classic for multi-functional use

### ADVANTAGES

- Well-proven and reliable
- For various applications
- Good combination of quality and price
- Low particle emission at moved chain application



### APPLICATION RANGE

In power chains or moving machine parts  
 Suitable for use in measuring, control and regulating circuits  
 Assembly lines, production lines, in all kinds of machines  
 In damp or wet interiors  
 Only for outdoor use within the indicated operating temperature range,  
 with UV-protection

### PRODUCT FEATURES

Flame-retardant according IEC 60332-1-2  
 Low-adhesive surface  
 In damp or wet interiors  
 Designed for 8 million bending/unbending cycles in drag chain applications  
 Only for outdoor use within the indicated operating temperature range,  
 with UV- protection

### PRODUCT MAKE-UP

Extra-fine wire strand made of bare copper wires (class 6)  
 Core insulation: PVC  
 Cores twisted in layers in short lay lengths  
 Non-woven wrapping  
 PVC outer sheath  
 Travel Distance: Unsupported travels upto 50m for gliding application, class 5

### 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
Conductor stranding	Extra-fine wire according to VDE 0295, class 6 IEC 60228 class 6
Minimum bending radius	Flexing: up from 7.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U0/U: 300/500 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Flexing: 0°C to +70°C Fixed installation: -40°C to +80°C

## ELECTRICAL INFORMATION

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>CKS SAPFLEX PS523</b>				
CKS PS523 5002	2 X 0.5	5.3	10	40
CKS PS523 5003	3 X 0.5	5.7	15	48
CKS PS523 5004	4 X 0.5	6.3	19.2	58
CKS PS523 5004	5 X 0.5	6.8	24	67
CKS PS523 5007	7 X 0.5	8	34	88
CKS PS523 50012	12 X 0.5	9.5	58	136
CKS PS523 50018	18 X 0.5	11.4	86.4	195
CKS PS523 50025	25 X 0.5	13.7	120	274
CKS PS523 50030	30 X 0.5	14.3	144	312
CKS PS523 50034	34 X 0.5	15.6	164	359
CKS PS523 50050	50 X 0.5	18.5	240	515
CKS PS523 75002	2 X 0.75	5.7	15	49
CKS PS523 75003	3 X 0.75	6.2	22	60
CKS PS523 75004	4 X 0.75	6.8	29	73
CKS PS523 75005	5 X 0.75	7.4	37	86
CKS PS523 75007	7 X 0.75	8.9	51	117
CKS PS523 750012	12 X 0.75	10.6	87	181
CKS PS523 750016	16 X 0.75	12	116	234
CKS PS523 750018	18 X 0.75	12.7	130	259
CKS PS523 750025	25 X 0.75	15.2	181	363
CKS PS523 0102	2 X 1.0	6.1	19	58
CKS PS523 0103	3 X 1.0	6.6	29	72
CKS PS523 0104	4 X 1.0	7.3	39	88
CKS PS523 0105	5 X 1.0	8	48	104
CKS PS523 0107	7 X 1.0	9.6	67	142
CKS PS523 01012	12 X 1.0	11.4	115	221
CKS PS523 01014	14 X 1.0	12.3	134.4	258
CKS PS523 01016	16 X 1.0	13	153	287
CKS PS523 01018	18 X 1.0	13.9	173	324
CKS PS523 01025	25 X 1.0	16.4	240	445
CKS PS523 01026	26 X 1.0	16.4	249.6	459
CKS PS523 01034	34 X 1.0	18.9	326.4	595
CKS PS523 01041	41 X 1.0	20.6	394	712
CKS PS523 01050	50 X 1.0	22.3	480	854
CKS PS523 01065	65 X 1.0	25.4	624	1097



Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS PS523 5102	2 X 1.5	6.8	29	74
CKS PS523 5103	3 X 1.5	7.4	43.2	93
CKS PS523 5104	4 X 1.5	8.1	58	114
CKS PS523 5105	5 X 1.5	9.1	72	139
CKS PS523 5107	7 X 1.5	10.9	101	189
CKS PS523 51012	12 X 1.5	12.9	173	295
CKS PS523 51018	18 X 1.5	15.6	259	429
CKS PS523 51025	25 X 1.5	18.6	360	597
CKS PS523 51026	26 X 1.5	18.6	374.4	615
CKS PS523 51034	34 X 1.5	21.1	489.6	783
CKS PS523 51041	41 X 1.5	23	613	936
CKS PS523 51042	42 X 1.5	23	629	954
CKS PS523 51050	50 X 1.5	25	720	1134
CKS PS523 5203	3 X 2.5	9	72	145
CKS PS523 5204	4 X 2.5	10	96	179
CKS PS523 5205	5 X 2.5	11.2	120	218
CKS PS523 5207	7 X 2.5	13.6	168	303
CKS PS523 52012	12 X 2.5	16	288	473
CKS PS523 52014	14 X 2.5	17.2	336	548
CKS PS523 0403	3 X 4.0	10.6	120	214
CKS PS523 0404	4 X 4.0	11.7	160	266
CKS PS523 0405	5 X 4.0	13.1	200	325
CKS PS523 0604	4 X 6.0	13.9	230.4	396
CKS PS523 0605	5 X 6.0	15.5	288	484
CKS PS523 01004	4 X 10.0	17.6	384	644
CKS PS523 01005	5 X 10.0	19.6	480	785
CKS PS523 01604	4 X 16.0	21	615	922
CKS PS523 01605	5 X 16.0	23.6	768	1133