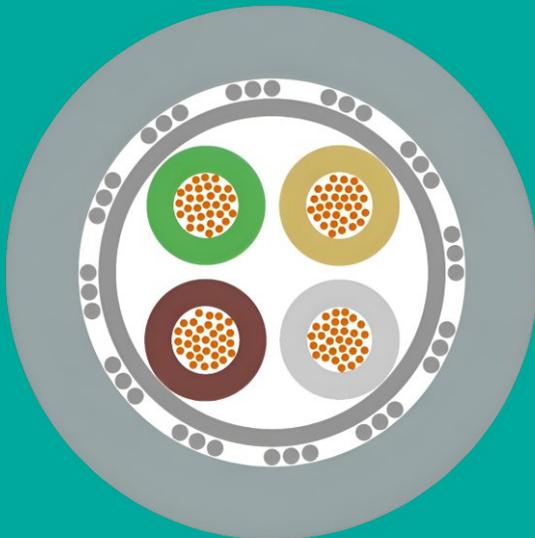




# 07

## CKS SAPFLEX PS706 FD CY

Screened highly flexible data transmission cable with PVC outer sheath for power chain use



CKS Sapflex PS706 FD CY - Low-frequency PVC data cable, highly flexible/extra-finely wired, drag/ energy chain, constant flexing/ bending, screened, flame retardant

### ADVANTAGES

- Well-proven and reliable
- Optimized cable construction for power chain use
- Cost-effective solution
- Overall braid minimises electrical interference



### APPLICATION RANGE

Automated production processes require data transmission cables that offer high flexibility and durability, as well as excellent screening Suitable for use in measuring, control and regulating circuits Assembly lines, production lines, in all kinds of machines

### PRODUCT FEATURES

- Low-adhesive surface
- Flame-retardant according IEC 60332-1-2
- Designed for 2 up to 8 million bending/unbending cycles in power chain applications

### PRODUCT MAKE-UP

- Extra-fine wire strand made of bare copper wires
- Core insulation made of PVC
- Non-woven wrapping
- Tinned-copper braiding
- Outer sheath made of PVC
- Outer sheath colour: grey (RAL 7001)

### 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
Mutual capacitance	C/C approx. 110 nF/km C/S: approx. 110 nF/km
Inductivity	approx. 0.65 mH/km
Conductor stranding	Stranded, extra-fine wire
Minimum bending radius	Flexing: 7.5 x outer diameter Fixed installation: 4 x Outer diameter
Test voltage	1500 V
Temperature range	Flexing: -5°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 SAPPFLEX PS706 FD CY</b>				
CKS PS706 1403	3 x 0.14	4.5	14.1	37
CKS PS706 1404	4 x 0.14	4.8	15.5	42
CKS PS706 1405	5 x 0.14	5.1	18.3	47
CKS PS706 1407	7 x 0.14	5.7	27.6	55
CKS PS706 14010	10 x 0.14	6.7	39.3	63
CKS PS706 14014	14 x 0.14	6.8	45.3	96
CKS PS706 14018	18 x 0.14	7.4	54.1	105
CKS PS706 14025	25 x 0.14	8.9	68.4	163
CKS PS706 2502	2 x 0.25	4.9	14.9	39
CKS PS706 2503	3 x 0.25	5.1	18.8	46
CKS PS706 2504	4 x 0.25	5.5	21.3	53
CKS PS706 2505	5 x 0.25	5.9	31	71
CKS PS706 2507	7 x 0.25	6.7	39.6	75
CKS PS706 25010	10 x 0.25	8.2	53.9	100
CKS PS706 25014	14 x 0.25	8.3	64.2	120
CKS PS706 25018	18 x 0.25	9.1	78.4	167
CKS PS706 25025	25 x 0.25	11	101	221
CKS PS706 3402	2 x 0.34	5.3	16.1	47
CKS PS706 3403	3 x 0.34	5.6	28.7	55
CKS PS706 3404	4 x 0.34	6	35.7	76
CKS PS706 3405	5 x 0.34	6.5	39.1	80
CKS PS706 34027	7 x 0.34	7.4	52.7	104
CKS PS706 34010	10 x 0.34	9.1	67.4	115
CKS PS706 34014	14 x 0.34	9.2	85.3	132
CKS PS706 34018	18 x 0.34	10.3	99.7	225
CKS PS706 34025	25 x 0.34	12.5	155	327