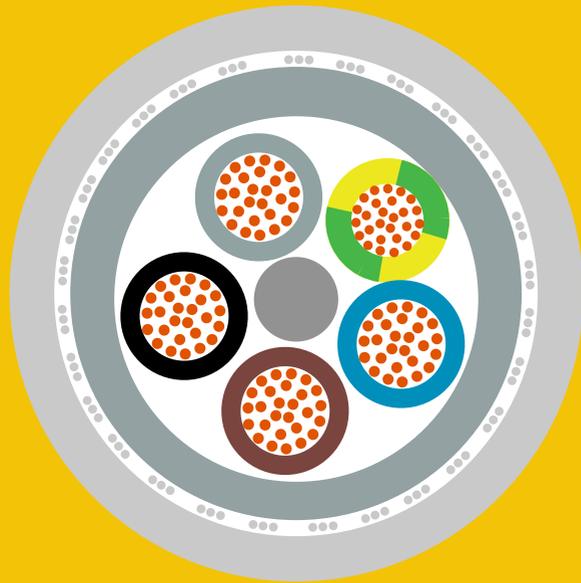




02

CKS SAPFLEX PS501 SH

Colour-coded PVC control cable with steel wire braiding



CKS Sapflex PS501 SH- flexible PVC cable, colour coded with steel wire braid, power and control cable for various applications.

Steel wire braiding for extra mechanical protection

ADVANTAGES

Extra mechanical protection due to braided steel wire



APPLICATION RANGE

Plant engineering
Industrial machinery
Heating and air-conditioning systems
Areas with high mechanical stress

PRODUCT FEATURES

Flame-retardant according IEC 60332-1-2
Good chemical resistance

PRODUCT MAKE-UP

Fine-wire strand made of bare copper wires
PVC insulation
Cores twisted in layers
PVC inner sheath
Braid of galvanized steel wires
PVC outer sheath, transparent

TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: Ec001578 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable
Conductor stranding	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius	Occasional flexing: 20 x outer diameter Fixed installation: 6 x outer diameter
Nominal voltage	Up to 1.5 mm ² : U0/U: 300/500 V From 2.5 mm ² : U0/U: 450/750 V From 2.5 mm ² , in the case of fixed and protected installations:U0/U: 600/1000 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

ELECTRICAL INFORMATION



Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS SAPFLEX PS501 SH U./U : 300/500 V				
CKS PS50175002	2 X 0.75	8.2	14.4	97
CKS PS50175003	3 X 0.75	8.5	21.6	108
CKS PS50175004	4 X 0.75	9.2	28.8	126
CKS PS50175005	5 X 0.75	9.7	36	146
CKS PS50175007	7 X 0.75	10.3	50	172
CKS PS501 750012	12 X 0.75	12.9	86	260
CKS PS501 0102	2 X 1.0	8.5	19.2	137
CKS PS501 0103	3 X 1.0	8.8	29	154
CKS PS501 0104	4 X 1.0	9.5	38.4	180
CKS PS501 0105	5 X 1.0	10.1	48	202
CKS PS501 0107	7 X 1.0	11	67	242
CKS PS501 5102	2 X 1.5	9.3	29	172
CKS PS501 5103	3 X 1.5	9.7	43	191
CKS PS501 5104	4 X 1.5	10.2	58	217
CKS PS501 5105	5 X 1.5	11.1	72	268
CKS PS501 5107	7 X 1.5	11.9	101	311
CKS PS501 51012	12 X 1.5	15.4	173	499
CKS PS501 51018	18 X 1.5	17.6	259	652
CKS PS501 51025	25 X 1.5	20.3	360	913
CKS SAPFLEX PS501 SH U./U : 450/750 V				
CKS PS501 5202	2 X 2.5	12.1	48	245
CKS PS501 5203	3 X 2.5	12.6	72	278
CKS PS501 5204	4 X 2.5	13.9	96	339
CKS PS501 5205	5 X 2.5	15.2	120	397
CKS PS501 5207	7 X 2.5	16.3	168	470
CKS PS501 0402	2 X 4.0	13.6	76.8	329
CKS PS501 0404	4 X 4.0	15.7	154	457
CKS PS501 0405	5 X 4.0	17.1	192	545
CKS PS501 0603	3 X 6.0	15.8	173	544
CKS PS501 0604	4 X 6.0	17.2	230	687
CKS PS501 0605	5 X 6.0	18.8	288	798
CKS PS501 01004	4 X 10.0	21.3	384	1009
CKS PS501 01005	5 X 10.0	23.3	480	1197
CKS PS501 01604	4 X 16.0	24.1	614	1384
CKS PS501 01605	5 X 16.0	26.8	768	1740

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS PS501 02504	4 X 25.0	29.4	960	2021
CKS PS501 02505	5 X 25.0	32.6	1200	2464
CKS PS501 03504	4 X 35.0	32.4	1344	2570
CKS PS501 03505	5 X 35.0	36	1680	3185
CKS PS501 05004	4 X 50.0	38.8	1920	3514