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## CKS SAPFLEX PS552

Spiral cable with outer PUR sheath and overall shielding for exact impulse transmission



CKS Sapflex PS552 - shielded PUR spiral cable, abrasion-resistant data and control cable for use in data processing, measurement and control engineering

Secure against electrical interferences, PUR outer sheath

### ADVANTAGES

Overall screening prevents high frequency interference and guarantees accurate signal transmission

Extended lengths of up to 4 times the unextended spiral length

### APPLICATION RANGE

In measurement and control engineering  
Wherever screened cables with smallest dimensions are required  
For requirements of electronic applications  
Handling and measurement equipment  
Conveyor and transport systems

### PRODUCT FEATURES

Abrasion and cut-resistant  
Very high flexibility

### PRODUCT MAKE-UP

Basis: CKS SAPFLEX PS552  
Conductor made of bare copper wires  
Core insulation: Based on PVC  
Screening: wrapped with braided copper wires  
Outer sheath: PUR compound  
Length of straight ends: 1st end = 200 mm, 2nd end = 600 mm



### TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC000247 ETIM 5.0 Class-Description: Spiralized cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC000247 ETIM 6.0 Class-Description: Spiralized cable
Peak operating voltage	250 V (not for power transmission)
Conductor stranding	Extra-fine wire according to VDE 0295, class 6/IEC 60228 class6
Test voltage	1200 V
Temperature range	Flexing: -5°C to +50°C

### ELECTRICAL INFORMATION

Article number	Number of cores and mm <sup>2</sup> per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
CKS PS552 14002	2 X 0.14	400	100	4.1	15
CKS PS552 140021	2 X 0.14	800	200	4.1	15
CKS PS552 140022	2 X 0.14	1200	300	4.1	15
CKS PS552 140023	2 X 0.14	1600	400	4.1	15
CKS PS552 140024	2 X 0.14	2000	500	4.1	15
CKS PS552 14003	3 X 0.14	400	100	4.3	18
CKS PS552 14003	3 X 0.14	800	200	4.3	18
CKS PS552 14003	3 X 0.14	1200	300	4.3	18
CKS PS552 140031	3 X 0.14	1600	400	4.3	18
CKS PS552 140032	3 X 0.14	2000	500	4.3	18
CKS PS552 14004	4 X 0.14	400	100	4.5	19
CKS PS552 140041	4 X 0.14	800	200	4.5	19
CKS PS552 140042	4 X 0.14	1200	300	4.5	19
CKS PS552 140043	4 X 0.14	1600	400	4.5	19
CKS PS552 140044	4 X 0.14	2000	500	4.5	19
CKS PS552 14005	5 X 0.14	400	100	4.8	20
CKS PS552 140051	5 X 0.14	800	200	4.8	20
CKS PS552 140052	5 X 0.14	1200	300	4.8	20
CKS PS552 140053	5 X 0.14	1600	400	4.8	20
CKS PS552 140054	5 X 0.14	2000	500	4.8	20

Article number	Number of cores and mm <sup>2</sup> per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
CKS PS552 14006	6 X 0.14	400	100	5.5	21
CKS PS552 140061	6 X 0.14	800	200	5.5	21
CKS PS552 140062	6 X 0.14	1200	300	5.5	21
CKS PS552 140063	6 X 0.14	1600	400	5.5	21
CKS PS552 140064	6 X 0.14	2000	500	5.5	21
CKS PS552 14007	7 x 0.14	400	100	5.9	23
CKS PS552 140071	7 x 0.14	800	200	5.9	23
CKS PS552 140072	7 x 0.14	1200	300	5.9	23
CKS PS552 140073	7 x 0.14	1600	400	5.9	23
CKS PS552 140074	7 x 0.14	2000	500	5.9	23
CKS PS552 140012	12 x 0.14	400	100	7.2	28
CKS PS552 1400121	12 x 0.14	800	200	7.2	28
CKS PS552 1400122	12 x 0.14	1200	300	7.2	28
CKS PS552 1400123	12 x 0.14	1600	400	7.2	28
CKS PS552 1400124	12 x 0.14	2000	500	7.2	28
CKS PS552 140018	18 x 0.14	400	100	8	29
CKS PS552 1400181	18 x 0.14	800	200	8	29
CKS PS552 1400182	18 x 0.14	1200	300	8	29
CKS PS552 1400183	18 x 0.14	1600	400	8	29
CKS PS552 1400184	18 x 0.14	2000	500	8	29
CKS PS552 25002	2 x 0.25	400	100	4.7	18
CKS PS552 250021	2 x 0.25	800	200	4.7	18
CKS PS552 250021	2 x 0.25	1200	300	4.7	18
CKS PS552 250022	2 x 0.25	1600	400	4.7	18
CKS PS552 250023	2 x 0.25	2000	500	4.7	18
CKS PS552 25003	3 x 0.25	400	100	5.3	19
CKS PS552 250031	3 x 0.25	800	200	5.3	19
CKS PS552 250032	3 x 0.25	1200	300	5.3	19
CKS PS552 25003	3 x 0.25	1600	400	5.3	19
CKS PS552 250034	3 x 0.25	2000	500	5.3	19
CKS PS552 25004	4 x 0.25	400	100	5.6	20
CKS PS552 250041	4 x 0.25	800	200	5.6	20
CKS PS552 250042	4 x 0.25	1200	300	5.6	20
CKS PS552 250043	4 x 0.25	1600	400	5.6	20
CKS PS552 250044	4 x 0.25	2000	500	5.6	20
CKS PS552 25005	5 x 0.25	400	100	6	21

Article number	Number of cores and mm <sup>2</sup> per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
CKS PS552 250051	5 x 0.25	800	200	6	21
CKS PS552 250052	5 x 0.25	1200	300	6	21
CKS PS552 250053	5 x 0.25	1600	400	6	21
CKS PS552 250054	5 x 0.25	2000	500	6	21
CKS PS552 25006	6 x 0.25	400	100	6.8	25
CKS PS552 250061	6 x 0.25	800	200	6.8	25
CKS PS552 250062	6 x 0.25	1200	300	6.8	25
CKS PS552 250063	6 x 0.25	1600	400	6.8	25
CKS PS552 250064	6 x 0.25	2000	500	6.8	25
CKS PS552 25007	7 x 0.25	400	100	7.3	26
CKS PS552 250071	7 x 0.25	800	200	7.3	26
CKS PS552 250072	7 x 0.25	1200	300	7.3	26