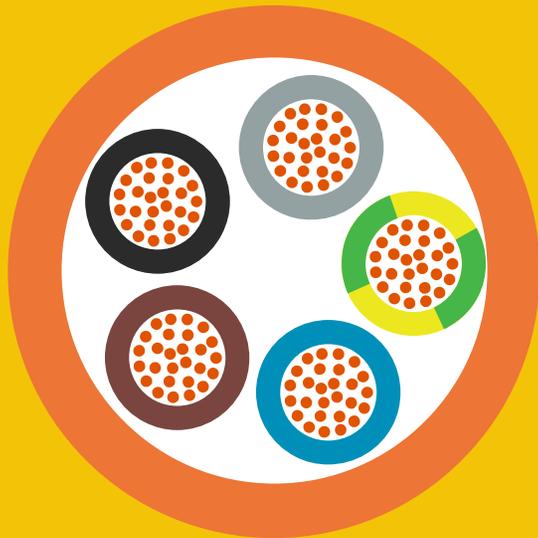




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CKS SAPFLEX PS511 P

Flexible, abrasion-, oil- and cold-resistant workshop cable with PUR outer sheath



CKS Sapflex PS511 P - PUR power cable with highly flexible conductors and high mechanical strength for durable and oil resistant application with handheld equipment.

High mechanical strength
Good oil resistance
Extra flexible conductor design

ADVANTAGES

Increased durability under harsh conditions thanks to robust PUR outer sheath material
Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media



Wide temperature range for applications in harsh climatic environments
High flexibility simplifies installation when space is at a premium and use with electrical handheld devices
The signal colour of the outer sheath increases safety and visual perception

APPLICATION RANGE

Portable handheld electrical devices such as drills, sanders, jig saws or grinders
Portable devices for the home and garden

PRODUCT FEATURES

Resistant to oil and drilling fluids according to IEC 61892-4, Appendix D
Abrasion and notch-resistant
Flexible down to -40°C
Halogen-free and flame-retardant (IEC 60332-1-2)
Resistant to hydrolysis and microbes

PRODUCT MAKE-UP

Extra-fine wire strand made of bare copper
Core insulation: TPE compound
Cores twisted together
PUR outer sheath
Sheath colour: orange

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	Extra-fine wire acc. to VDE 0295, class 6/ IEC 60228 class 6
Minimum bending radius	Occasional flexing: 10 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U0/U: 300/500 V
Test voltage	3000 V
Temperature range	Occasional flexing: -40°C to +80°C Fixed installation: -50°C to +80°C
Protective conductor	G = with GN-YE protective conductor X = without protective conductor

ELECTRICAL INFORMATION

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS SAPFLEX PS511 P				
CKS PS511 0102	2 X 1.0	6.8	19.5	64
CKS PS511 0103	3 X 1.0	7.2	29	77
CKS PS511 0104	4 X 1.0	8.1	38.4	96
CKS PS511 0105	5 X 1.0	8.9	48	120
CKS PS511 5102	2 X 1.5	7.6	29	81
CKS PS511 5103	3 X 1.5	8.3	43	105.3
CKS PS511 5104	4 X 1.5	9.3	58	135
CKS PS511 5105	5 X 1.5	10.4	72	158.9
CKS PS511 5203	3 X 2.5	10.4	72	173.2
CKS PS511 5204	4 X 2.5	11.4	96	204
CKS PS511 5205	5 X 2.5	12.8	120	254



Severe Conditions

