



**SPEZIALKABEL / SPEZIALLEITUNGEN**

**STCN**

*Screened cable with supporting element  
acc. to DIN VDE 0250*



<b>supporting element:</b>	textile, central arranged
<b>conductor material:</b>	bare copper strand
<b>conductor construction:</b>	acc. To DIN VDE 0295 class 6 resp. IEC 60228 cl. 6
<b>insulation:</b>	rummber compound
<b>core identification:</b>	acc. to VDE 0293-308 up to 5 wires coloured, from 6 wires black with white numerals with or without gn/ye
<b>stranding:</b>	cores stranded in layers
<b>overall shield:</b>	copper braid tinned; coverage ca. 80%
<b>outer sheath:</b>	polychloroprene
<b>sheath colour:</b>	black, blue, yellow
<b>nominal voltage U<sub>0</sub>:</b>	300 V
<b>nominal voltage U:</b>	500V
<b>test voltage:</b>	3 kV
<b>suspension height:</b>	80m
<b>min. bending radius fixed:</b>	10 x DA
<b>min. bending radius moved:</b>	10 x DA
<b>operating temperature fixed:</b>	-40 to +80°C
<b>operating temperature moved:</b>	-25 to +80°C
<b>temperature at conductor:</b>	+80°C
<b>flame retardant:</b>	low flammability
<b>application:</b>	Lift cable, for trailing cable installation, drag chains and as control cable in conveyor facilities, machine-tools or as measure and signal transmission cable. Suitable for dry, humid and wet rooms and outdoor use.

*The products and information presented here are for technical calculation only.  
They are subject to technical progress and in no way represent the ability of shipment.  
Outer diameters are approximately.*



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KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	SHEATH COLOUR	TENSILE STRENGTH N	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	GEWICHT KG/KM
05506050CBK	STCN 6 x 0,5	black	1500,0	11,5	61	180
05506050CBU	STCN 6 x 0,5	blue	1500,0	11,5	61	180
05506075CBK	STCN 6 0,75	black	1500,0	12	81	205
05506075CBU	STCN 6 X 0,75	blue	1500,0	12	81	205
05504100C	STCN 4 G 1	black	250,0	11,5	74	176
05507100C	STCN 7 G 1	black	2500,0	15	130	300
05512100C	STCN 12 G 1	black	2500,0	20,5	202	546
05518100C	STCN 18 G 1	black	1500,0	21	288	630
05524100C	STCN 24 G 1	black	2500,0	25	395	900
05506150C	STCN 6 x 1,5	yellow	2100,0	15	126	430