



conductor material: Cu conductor flex cl. 5 (IEC 60228) finely stranded
insulation: EPR (Ethylene Propylene Rubber)
core identification: acc. to CENELEC HD308S2
screen: copper braid tinned; coverage ca. 90%
sheathing material: polyurethane
sheathing colour: grey, like RAL 7011

operating voltage: ≤ 1qmm: 300 V/ 500 V
 ≥ 1,5qmm: 450 V/ 750 V
test voltage: ≤ 1qmm: 2000 V/ 50Hz
 ≥ 1,5qmm: 3500 V/ 50Hz

min. bending radius: 15 x D
temperature range, moved: -30 up to +80°C
temperature range, fixed: -40 up to +90°C (up to 110°C for short periods)
insulation resistance: min. 20MΩ x km

application: The copper braiding of KENPUR® 500C Single core has been specially development for the use in EMC-critical areas and also improves the mechanical resistance. General applications are: SF 6 switch gears, motor production, machine tool building, machine shops, chemicals industry, service water, seawater, special locomotive and wagon construction.

resistance / features:

<ul style="list-style-type: none"> - halogen free acc. to IEC 60754-1 - no corrosive gases acc. to IEC 60754-2 - very robust - good pressure and overrun resistance - very good abrasion and wear resistance - good cut, rabble and tear propagation resistance - weathering resistant 	<ul style="list-style-type: none"> - UV-resistant - ozone and oxygene resistant - microbe and rotting resistant - oil resistance acc. to VDE 0472 - fat resistance - alcohol-free petrol and kerosine resistance
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*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.*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1010500	KENPUR 500C Single core 1 x 50	17,7	552,10	670,0
1010700	KENPUR 500C Single core 1 x 70	19,9	756,40	920,0
1010950	KENPUR 500C Single core 1 x 95	22,8	1057,20	1260,0
1011200	KENPUR 500C Single core 1 x 120	25,3	1304,30	1540,0
1011500	KENPUR 500C Single core 1 x 150	27,6	1574,00	1900,0
1011850	KENPUR 500C Single core 1 x 185	30,4	2004,10	2330,0
1012400	KENPUR 500C Single core 1 x 240	34,5	2541,30	2950,0