



<b>conductor material:</b>	stranded bare Cu conductor, fine wire
<b>strand structure:</b>	strand structure to VDE 0295, class 5/ IEC 60228 class 5
<b>insulation:</b>	special PVC
<b>core identification:</b>	power cores = black with printed consecutive number coding, protective conductor = green-yellow, signal cores = black with printed consecutive number coding, signal cores twisted in pairs, with optimal lay lengths,
<b>screening:</b>	pairs with aluminium laminated foil and braided screening made of tinned copper wires, power cores and signal pairs twisted in layers, with optimal lay lengths, braided screening made of tinned copper wires
<b>lapping:</b>	fabric lapping
<b>outer sheath:</b>	special PVC
<b>sheath colour:</b>	grey RAL 7001
<b>rated voltage:</b>	600/1000 V = Power cores U <sub>o</sub> /U 48 V AC = Signal cores
<b>test voltage:</b>	4000 V = core/core (Power cores) 1000 V = core/core (Signal cores) 750 V = core/screen
<b>insulation resistance of the power cores:</b>	at +20°C ≥20 MOhm x km
<b>bending radius:</b>	20 x cable diameter
<b>temperature range:</b>	-5 to +70°C flexible -30 to +80°C stationary
<b>flame retardant:</b>	to IEC 60332-1
<b>application:</b>	Used for the connection of DNC motors. Power supply and control by means of a single cable thanks to the integral power cores and signal pairs. Double screening of individual pairs and overall screening provide excellent electromagnetic compatibility. Suitable for stationary installation or flexible applications with unrestricted mobility without forced movement control and without exposure to tensile load. Installation in dry and damp environments. Outdoor installation not permitted.

*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.*

## ***KENSERV 700CY***

*Servo cable 0,6/1kV for brushless motors with overall copper braided screening; preferred EMC compatible cable type*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
0S407522034PVC	KENSERV 700CY 4x0,75 + 2x(2x0,34)StC-CY	12,6	114,1	165
0S415022075PVC	KENSERV 700CY 4x1,50 + 2x(2x0,75)StC-CY	15,5	158,5	245
0S42522075PVC	KENSERV 700CY 4x2,50 + 2x(2x0,75)StC-CY	16,8	230,5	385
0S440275210PVC	KENSERV 700CY 4x4,00 + (2x0,75)StC+(2x1,0)StC-CY	18,1	304,0	485
0S460275210PVC	KENSERV 700CY 4x6,00 + (2x0,75)StC+(2x1,0)StC-CY	20,2	380,5	610
0S410207521PVC	KENSERV 700CY 4x10 + (2x0,75)StC+(2x1,0)StC-CY	23,6	590,0	830
0S416221PVC	KENSERV 700CY 4x16 + 2x(2x1,0)StC-CY	26,5	861,0	1150
0S4252210PVC	KENSERV 700CY 4x25 + 2x(2x1,5)StC-CY	32,1	1262,0	1670
0S435022150PVC	KENSERV 700CY 4x35 + 2x(2x1,5)StC-CY	35,0	1640,0	2210