



	ESUY (H00V-D)	ESY
conductor material:	bare copper, extra fine wire conductors, high flexible	bare copper, fine wire conductors
braiding:	braiding of bare copper wires over the stranded copper	no braiding, copper conductors of stranded wires
sheath:	PVC-jacket, transparent (glass clear), compound type TM2 according DIN VDE 0281 part 1	PVC-jacket, transparent (glass clear), compound type TM2 according DIN VDE 0281 part 1

test voltage:	2000 V
spark test (during winding):	16qmm to 35qmm - 5000 V 50qmm to 70qmm - 6000 V 95qmm to 240qmm - 8000 V
minimum bending radius:	approx. 12 x cable Ø
temperature range:	-5 up to +70°C
insulation resistance:	min. 20 MOhm x km

properties: For these cable types no nominal voltages are mentioned, as these are: only used for earthing performances. For further requirements see European Norm EN 61230 and DIN VDE 0683 part 100:
Live working - Portable equipment for earthing and earthing.

application: These high flexible earth conductors are used for earthing of portable equipment and short-circuiting. These cables specially perform a protective function in repair live working of high voltage power supply company as EVU, in railway systems, failing current equipment, alternating current systems and in networks of transmission and distribution. Because of that these are designated as safety cables. These earthing cables offer special characteristics with low weights, high flexibility to a wide temperature range and the behavior in high temperature. The protective sheath over conductor assures the essential function for protection against the mechanical and chemical stresses.

*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		COND. MAKE-UP n x WIRE Ø	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
81016ESUY	ESUY 1 x 16	high flexible	4200 x 0,07	8,3	194,0	230
81025ESUY	ESUY 1 x 25	high flexible	3192 x 0,10	9,5	280,0	335
81035ESUY	ESUY 1 x 35	high flexible	4480 x 0,10	11,2	415,0	475
81050ESUY	ESUY 1 x 50	high flexible	6383 x 0,10	13,2	585,0	670
81070ESUY	ESUY 1 x 70	high flexible	8918 x 0,10	15,6	820,0	905
81095ESUY	ESUY 1 x 95	high flexible	12100 x 0,10	17,4	1090,0	1220
81120ESUY	ESUY 1 x 120	high flexible	15300 x 0,10	19,8	1360,0	1505
81150ESUY	ESUY 1 x 150	high flexible	19152 x 0,10	23,4	1650,0	1940
81185ESUY	ESUY 1 x 185	high flexible	23580 x 0,10	26,6	2150,0	2390
81240ESUY	ESUY 1 x 240	high flexible	30600 x 0,10	30,2	2750,0	3090
81016ESY	ESY 1 x 16	flexible	525 x 0,20	8,4	154,0	165
81025ESY	ESY 1 x 25	flexible	798 x 0,20	9,8	240,0	270
81035ESY	ESY 1 x 35	flexible	1120 x 0,20	11,4	336,0	400
81050ESY	ESY 1 x 50	flexible	1617 x 0,20	13,8	480,0	590
81070ESY	ESY 1 x 70	flexible	2254 x 0,20	16,4	672,0	750
81095ESY	ESY 1 x 95	flexible	3087 x 0,20	18,2	912,0	1050
81120ESY	ESY 1 x 120	flexible	3822 x 0,20	20,1	1152,0	1400
81150ESY	ESY 1 x 150	flexible	4802 x 0,20	23,0	1440,0	1680