



conductor material:	stranded bare Cu conductor, fine wire
strand structure:	strand structure to VDE 0295, class 5/ IEC 60228 class 5
insulation:	polyethylene (PE)
cores:	black, brown, grey and green-yellow protective conductor; cores twisted in layers, with optimal lay lengths
screening:	aluminium foil screening, 100% and tinned copper braided screening
outer sheath:	special PVC, flame retardant
sheath colour:	black

rated voltage Uo/U:	600/1000 V
AC test voltage:	2500 V
AC crest voltage:	\hat{U} 1700V
low mutual capacitance:	test to DIN VDE 0472 part 504, test method B
temperature range:	-5 to +70°C flexible -25 to +70°C during installation -40 to +70°C stationary
flame retardant:	to IEC 60332-1

application: EMC motor power supply cable with overall foil and copper screening used for the connection of a frequency converter with a frequency converter controlled motor. Employed in connection with machine tools, handling gear, machining and processing equipment, assembly and production lines, etc. when exposed to mean mechanical strain. Stationary installation and occasional free movement without exposure to tensile load and without forced movement control. Installation in dry, damp and wet environments. Outdoor installation also permitted.

Bending radius for the following outer cable diameters

installation	< 12 mm	12-20 mm	over 20 mm
flexible	approx. 10 x D	approx. 15 x D	approx. 20 x D
stationary	approx. 5 x D	approx. 7,5 x D	approx. 10 x D

*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	current carrying capacity A	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1804150K	2YSLCYK-JB 4 x 1,5	18	10,6	95	212
1804250K	2YSLCYK-JB 4 x 2,5	26	12,3	150	270
1804400K	2YSLCYK-JB 4 x 4,0	34	14,6	235	362
1804600K	2YSLCYK-JB 4 x 6,0	44	16,5	320	582
1841000K	2YSLCYK-JB 4 x 10	61	20,0	533	794
1841600K	2YSLCYK-JB 4 x 16	82	23,5	789	1188
1842500K	2YSLCYK-JB 4 x 25	108	27,0	1236	1713
1843500K	2YSLCYK-JB 4 x 35	135	33,0	1662	2402
1845000K	2YSLCYK-JB 4 x 50	168	36,5	2345	2718
1847000K	2YSLCYK-JB 4 x 70	207	42,5	3196	3636
1849500K	2YSLCYK-JB 4 x 95	250	48,0	4316	4700
1841200K	2YSLCYK-JB 4 x 120	292	52,0	5428	5699
1841500K	2YSLCYK-JB 4 x 150	335	58,0	6394	7043
1841850K	2YSLCYK-JB 4 x 185	385	62,0	7639	8384
1842400K	2YSLCYK-JB 4 x 240	453	70,0	11059	12165
1843000K	2YSLCYK-JB 4 x 300	523	78,0	13485	15508